Canadian Forest Fire Statistics: 1984-1987

G.S. Ramsey and D.G. Higgins

Petawawa National Forestry Institute • Information Report PI-X-74E

Statistiques sur les incendies de forêt au Canada : 1984-1987

G.S. Ramsey et D.G. Higgins

Institut forestier national de Petawawa • Rapport d'information PI-X-74F

Forestry Canada Forêts Canada

Canada

92-00250/

PETAWAWA NATIONAL FORESTRY INSTITUTE

In common with the rest of Forestry Canada, the Petawawa National Forestry Institute has as its objective the promotion of better management and wiser use of Canada's forest resource to the economic and social benefit of all Canadians. Objectives of program activities carried out at the Institute support this goal through discovery, development, demonstration, implementation, and transfer of innovations. Because it is a national institute, particular emphasis is placed on problems that transcend regional boundaries or that require special expertise and equipment that cannot be duplicated in Forestry Canada regional establishments. Such research is often performed in close cooperation with staff of the regional centres, provincial forest services, and the forest industry.

Research initiatives and technical services at the Institute encompass five major activities:

FOREST GENETICS AND BIOTECHNOLOGY — Integrates projects in tree genetics, soil microbiology, micropropagation, molecular genetics, meteorology, and seed research. It also includes the client services and seed bank operations of the National Tree Seed Centre, a long-standing program with extensive international affiliations.

FOREST MANAGEMENT SYSTEMS — This program integrates projects in fire, remote sensing, modelling, growth and yield, and forest pest management to provide research and development for the formulation and demonstration of forest management systems.

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THE RESEARCH FOREST — Besides natural stands manipulated in a variety of ways for silvicultural research, the 100 km^2 Petawawa Forest contains extensive areas of plantations dating back six decades. Research plantations are a source of growth and yield data derived from cultural experiments, and they are becoming valuable for pedigreed genetic materials for micropropagation and molecular genetics studies. The forest also offers opportunities for short- and long-term testing of forest management strategies.

INSTITUT FORESTIER NATIONAL DE PETAWAWA

Le mandat de l'Institut forestier national de Petawawa (IFNP), comme celui des autres établissements de Forêts Canada, est de promouvoir une meilleure gestion et une utilisation plus rationnelle des ressources forestières du Canada, pour le bien économique et social de tous les Canadiens. Les objectifs des programmes menés à l'Institut appuient ce mandat à travers la découverte, le développement, la démonstration, l'application et le transfert des innovations. En tant qu'institut national, il doit s'attacher à des problèmes qui débordent le cadre régional ou qui nécessitent des compétences particulières de même qu'un équipement non disponible aux installations régionales de Forêts Canada. La plupart du temps, les recherches sont effectuées en étroite collaboration avec le personnel des centres régionaux, des services forestiers des provinces et de l'industrie forestière.

Les travaux de recherche et les services techniques de l'Institut sont regroupés autour de cinq principales activités:

GÉNÉTIQUE FORESTIÈRE ET BIOTECHNOLOGIE — Ce programme encadre des études sur la génétique forestière, la microbiologie, la micropropagation, la génétique moléculaire et la recherche sur les semences. Il comprend également les services à là clientèle et la banque de semences du Centre national de semences forestières. Lié à plusieurs organismes internationaux, ce centre existe depuis longtemps.

SYSTÈMES D'AMÉNAGEMENT FORESTIER — Ce programme intègre en recherche et développement des opérations concernant les incendies de forêt, la télédétection, la météorologie, la modélisation, la croissance, la récolte et le relevé des insectes et des maladies des arbres (RIMA). Il permet ainsi l'élaboration et la démonstration de systèmes d'aménagement forestier.

STATISTIQUES NATIONALES SUR LES RESSOURCES FORESTIÈRES — Ce programme fournit les renseignements biologiques, techniques et socio-économiques sur les ressources forestières du Canada. Il vise le développement des bases de données et l'établissement de nouveaux logiciels et bases de données pour aider à l'élaboration des politiques forestières. Le Programme d'inventaire forestier recueille l'information sur les forêts au niveau national, maintient le Système sur les ressources forestières canadiennes et prépare l'inventaire des forêts du Canada.

COMMUNICATIONS — Ce programme regroupe les services offerts par la bibliothèque, les travaux touchant la sensibilisation du public, les renseignements, la rédaction-révision et les publications. L'Institut reçoit plus de 20 000 visiteurs chaque année. Le Centre d'accueil, des visites autoguidées et un programme éducatif complet sont ouverts à tous. C'est à l'IFNP que l'on trouve l'entrepôt et le centre de distribution national de toutes les publications scientifiques de Forêts Canada.

LA FORÊT EXPÉRIMENTALE — Outre des peuplements naturels où l'on applique divers traitements dans le cadre des plans de recherche en sylviculture, la Forêt de Petawawa, mesurant 100 km^2, comprend de vastes superficies de plantations âgées de plus de 60 ans. Les plantations expérimentales livrent des données sur la croissance et la récolte à la suite des expériences de culture. Elles fournissent aussi du matériel génétique dont le lignage est répertorié et qui se révèlent de plus en plus utiles pour les études sur la micropropagation et la génétique moléculaire. C'est un lieu par excellence pour mettre à l'essai des stratégies d'aménagement forestier à court et à long termes.

CANADIAN FOREST FIRE STATISTICS/
STATISTIQUES SUR LES INCENDIES DE FORÊT AU CANADA

Part/Partie 1 - 1984
Part/Partie 2 - 1985
Part/Partie 3 - 1986
Part/Partie 4 - 1987

G.S. Ramsey and/et D.G. Higgins

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ABSTRACT

The tables presented here contain forest fire statistics for the calendar years 1984, 1985, 1986, and 1987 as reported by all Canadian forest fire control agencies. The statistical data are presented separately for each province or other major jurisdiction, and for Canada as a whole. Where possible, a comparable average value for the previous 10 years is listed beside each annual statistic.

RÉSUMÉ

Les tableaux présentés ci-après contiennent les statistiques relatives aux incendies de forêt pour les années civiles 1984, 1985, 1986 et 1987 d'après le contenu des rapports publiés par l'ensemble des organismes canadiens de lutte contre les incendies de forêt. Les données statistiques correspondant à chaque province ou à toute autre division administrative de premier plan sont présentées séparément, de même que les statistiques relatives à l'ensemble du Canada. A côté de chaque valeur dans la mesure du possible, se trouve la valeur moyenne des dix années précédentes.

CANADIAN FOREST FIRE STATISTICS/
STATISTIQUES SUR LES FEUX DE FORÊT AU CANADA

1984-1985-1986-1987

INTRODUCTION

The Canadian forest fire statistics for the calendar years 1984, 1985, 1986, and 1987 are presented in this publication as reported by Canadian fire management agencies. Included for each jurisdiction are statistics on number of fires, area burned, values lost, fire control expenditures, and fatalities. Comparable averages for the previous 10-year period, where available, are also given for each statistic. Canadian totals are presented along with the combined totals for the provinces as well as for the Territories.

The Petawawa National Forestry Institute (PNFI) maintains a database of Canadian forest fire statistics dating back to the early 1900s. Since the beginning, the forest fire research group at Petawawa has kept an annual tally of Canadian forest fire losses. The first report on Canadian forest fire losses was published in 1949 for the 1948 fire season. As stated in the 1949 report, it was intended in part to provide "a brief record of the number and extent of forest fires, the damage they cause, and the agencies responsible for them" and to impress upon its readers the urgent need for preserving their great forest heritage from "unnecessary wastage by fire".

From 1908 until the 1929 fire season, annual fire loss statistics were reported in a more or less haphazard way. Beginning in 1930 and continuing until the 1949 report was published, comprehensive fire statistics appeared in the Annual Reports of the Dominion Forest Service, predecessor to Forestry Canada.

The format established in the beginning for reporting annual fire losses has remained virtually unchanged. This positive feature has provided fire researchers and numerous other interest groups with a means of comparing fire season severity over many decades. As examples, Canadian forest fire statistics were used in the justification for creating a National Airtanker Fleet as well as for the establishment of the Canadian Interagency Forest Fire Centre.

INTRODUCTION

Dans ce rapport sont présentés les statistiques sur les feux de forêt pour les années civiles 1984, 1985, 1986 et 1987, fondés sur les rapports des organismes canadiens de gestion des feux de forêt. Les statistiques comprennent, pour toutes les dimensions administratives, le nombre d'incendies, la surface brûlée, la perte de valeur, les dépenses de la protection contre les incendies ainsi que les accident mortels. À fin de comparaison, les moyennes des données pour les dix années précédentes sont aussi présentées, lorsqu'elles étaient disponibles. Les totaux sur le Canada sont accompagnés des totaux combinés pour les provinces et les territoires.

L'Institut forestier national de Petawawa gère, depuis le début de ce siècle, une base de données sur les statistiques relatives aux feux de forêt au Canada. Dès le commencement, il y a un groupe de recherche à Petawawa qui travaille dans le domaine des feux de forêt. Grâce à ce groupe, les pertes annuelles causées par les feux de forêt sont enregistrées.

Le premier rapport sur les pertes causées par les feux de forêt au Canada a été publié en 1949 pour les saisons des incendies de 1948. Le but du rapport de 1949 était de fournir un bref compte rendu du nombre et de l'étendu des feux de forêt, des dommages qu'ils avait causés et des organismes concernés.

Un autre aspect était de faire comprendre aux lecteurs la nécéssité pressante de protéger leur patrimoine forestier contre «une perte causée par les incendies, qui aurait pû être évitée.»

De 1908 jusqu'à la saison des incendies de 1929, les statistiques sur les pertes annuelles dues aux incendies ont été enregistrées de façon plus ou moins irrégulière. Entre 1930 et 1949, l'année où le premier rapport est paru, les statistiques détaillées sur les incendies étaient publiées dans les Rapports annuels du Service des forêts de la Dominion, l'organisme d'où prend ses origines le ministère actuel des Forêts Canada.

Beginning with the 1986 report the fire size category has been increased from five to eight size classes in order to better reflect today's requirements. The expanded classification provides for a better accounting of the larger-sized forest fires. Previously, all fires greater than 200 hectares were placed in one category, a situation which did not properly reflect the number of very large fires of the 1980s. Annual averages for this statistical category will be curtailed for five years due to a current lack of data. Also, commencing with the 1986 summary, reporting of timber value losses will be terminated. This has become necessary because of the wide discrepancy existing among Canadian fire management agencies when assigning value losses to timber damaged or destroyed by fire. Changes in reporting procedures are undertaken jointly by the Canadian Committee on Forest Fire Management and Forestry Canada.

The present report deals with wildfire only, in two major categories:

A. Forest Fire Occurrence. Listed in this category are the numbers of fires and the area burned by nine Cause Classes. In corresponding order, these are:

1. *Recreation* - Fires caused by people engaged in any recreational activity, or by their equipment
2. *Resident* - Fire resulting from activities of people living in a forested or partly forested area, including agricultural areas
3. *Forest industry* - Fires caused by people or machines involved in the production of forest products
4. *Railroads* - Fires caused by any machine, employee, contractor, or passenger associated with railroad operations
5. *Other industry* - Fires caused by industrial activity other than forest industry or railroads
6. *Incendiary* - Fires started willfully for the purpose of mischief, grudge, or gain
7. *Miscellaneous* - Any fire whose cause is known but does not fit any of those listed
8. *Lightning* - No definition needed
9. *Unknown* - Fires of indeterminate cause

Also provided are tables of the number of fires and area burned by month throughout the fire season and tables of distribution of fires by size class.

Le format, établi au début des rapports sur les pertes annuelles causées par les incendies, n'a pratiquement pas changé.

Cette caractéristique importante a permis aux chercheurs en matière d'incendie et aux autres groupes qui s'y intéressaient de comparer l'ampleur de la saison des incendies pendant plusieur décennies. Un exemple pertinent était le fait que c'est en fondant sur les statistiques sur les feux de forêt que l'on a jugé bon de créer le Parc national d'avions-citernes et le Centre interservices des feux de forêt au Canada (CIFFC).

Depuis 1986, la répartition des incendies a été élargie à huit classe de taille au lieu de cinq. Ce changement est la réponse à des exigences de nos jours. La répartition élargie montre mieux les données sur les incendies plus importants.

Auparavant, tous les incendies couvrant plus de 200 hectares ont été classé dans une seule catégorie, et cette situation ne reflétait pas adéquatement le nombre de très gros incendies survenus dans les années 80. Les moyennes annuelles pour cette catégorie statistique sera restreinte à une période de 5 ans, car il n'y a pas de données disponibles actuellement pour cette période.

En outre, dès 1986, la publication des données sur les pertes de valeur de bois sera interrompue, à cause des opinions divergentes parmi les organismes, en matière d'attribution de valeur du bois détruit dans un incendie.

Le Comité canadien sur la gestion des feux de forêt, de concert avec Forêts Canada, est en train d'effectuer des changements quant aux procédés d'enregistrements.

Le présent rapport traite seulement des feux de friches, sous deux grands aspects :

A. Incendies de forêt. Sous cette rubrique, on donne le nombre d'incendies et la superficie incendiée selon neuf classes de cause dont voici la liste :

1. *Loisirs* - Incendies causés par des personnes qui s'adonnent à des activités récréatives, ou par leur équipement.
2. *Résidents* - Incendies attribuables à l'activité des habitants de régions entièrement ou partiellement boisées, et de régions agricoles.

B. Forest Fire Control Costs and Losses. These are presented in three classes.

1. Budgeted or overhead costs
2. Direct fire-fighting costs
3. Losses, as monetary equivalent of values destroyed for the years 1984 and 1985.

Because of differences in administrative and accounting procedures, direct comparisons between provinces and other jurisdictions are difficult and potentially misleading. Also, no inflation factor has been applied in the calculation of 10-year averages. The function of these data is to show the order of magnitude of forest fire control expenditures and monetary losses in Canada, as well as to provide a record of the annual trend. The values are the best available, but their limitations (due to varying reporting procedures) should be recognized.

The Canadian Interagency Forest Fire Centre (CIFFC) in Winnipeg collects, tabulates, and issues on a daily basis a Situation Report (SITREP) on current forest fire activity as provided by all Canadian forest fire management agencies. In part, the SITREP lists the number of fires and area burned within each jurisdiction.

Appendix 1 gives statistics for forest fire statistics by Priority Zone. In Priority 1 all fires are detected and appropriate suppression action undertaken. In Zone 2 all fires may or may not be detected and suppression action may or may not be carried out. Priority zones are delineated by the provinces on the basis of human habitation and risk to productive forests. Appendix 2 gives selected statistics for both the number of fires and the area burned for the 1988, 1989, and 1990 fire seasons. Where final figures for the 1990 fire season were unavailable, estimates were provided by CIFFC. Appendix 3 provides the total number of fires and area burned for the years 1918 to 1990 inclusive.

This report and the annual series of which it is a part are possible only through the willing cooperation of the following public agencies:

British Columbia Ministry of Forests and Lands
Forest Protection Branch
2nd Floor, 31 Bastion Sq.
Victoria, British Columbia
V8W 3E7

3. *Industrie forestière* - Incendies causés par des employés ou des machines de l'industrie forestière.
4. *Chemins de fer* - Incendies causés par tout employé, machine, entrepreneur ou voyageur des chemins de fer.
5. *Autres industries* - Incendies causés par une industrie autre que l'industrie forestière ou les chemins de fer.
6. *Incendiaires* - Incendies allumés intentionnellement par méchanceté, par rancune ou pour le profit.
7. *Divers* - Incendies dont la cause est connue, mais qui n'entrent pas dans les classes déjà mentionnées.
8. *Foudre* - Aucune définition nécessaire.
9. *Cause inconnue* - Incendies dont la cause n'est pas déterminée.

Le présent rapport contient également des tableaux sur le nombre d'incendies et la superficie incendiée chaque mois ainsi que sur la répartition des incendies par classe de taille.

B. Coûts de la protection des forêts contre l'incendie et pertes occasionnées par les incendies de forêt. Ces données sont réparties en trois classes, c'est-à-dire :

1. Les frais budgétaires ou généraux.
2. Les frais directs relatifs à l'extinction des incendies.
3. Les pertes, soit l'équivalent en argent des valeurs détruites.

Étant donné la variété des méthodes administratives et comptables, les comparaisons directes entre les provinces et d'autres divisions administratives sont difficiles à faire et peuvent être trompeuses. De plus, il n'a été tenu compte d'aucun facteur d'inflation dans le calcul des moyennes décennales. Des données ont pour but d'indiquer l'ordre de grandeur des frais de la protection des forêts contre l'incendie, les pertes financières au Canada ainsi que leur tendance annuelle. Ces chiffres sont les plus fidèles possible, mais il faut en reconnaître les limites, à cause de la diversité de procédés en matière d'enregistrement.

Le Centre interservices des incendies de forêt du Canada (CIFFC) à Winnipeg produit chaque jour un rapport de situation (SITREP) sur les incendies de forêt d'après les données fournies par tous les organismes canadiens de défense contre les incendies de forêt. Le SITREP indique en partie le nombre d'incendies et la superficie incendiée dans chaque division administrative.

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Corner Brook, Newfoundland
A2H 6J8

L'Annexe 1 donnes les statistiques sur les feux de forêt pour les zones de priorité. En cas de priorité 1, tous les incendies sont décelés et des actions appropriées sont prises pour maîtriser les incendies. Dans la Zone 2, tous les incendies peuvent être décelés ou non et les actions pour maîtriser les incendies peuvent être exécutées ou non. Les zones de priorité sont toujours déterminées pour les provinces en raison de la population humaines ou des risques de danger pour les forêts productives.

L'Annexe 2 donne des statistiques sélectionnées pour le nombre d'incendies de même que pour la surface brûlée dans les saisons des incendies de 1988, 1989 et 1990. Au cas où il n'y auraient pas de chiffres disponibles pour la saison des incendies de 1990, nous avons fourni les estimations provenant du CIFFC.

L'Annexe 3 donne le nombre total d'incendies et le surface brûlée pour la période de 1918 à 1990.

La réalisation du présent rapport et de la série annuelle dont il fait partie n'est possible que grâce à la collaboration bienveillante des organismes publics suivants :

Indian and Northern Affairs Canada
Northern Affairs Program
Forest Resources Division
Renewable Resources and Northern Environment Branch
Ottawa, Ontario
K1A 0H4

Gov't of the Northwest Territories,
Dept. of Renewable Resources
Territorial Forest Fire Centre
P.O. Box 7
Fort Smith, N.W.T.
X0E 0P0

Yukon Forest Service
200 Range Road
Whitehorse, Yukon Territory
Y1A 3V1

Canadian Parks Service
National Parks Directorate
Ottawa, Ontario
K1A 0H3

Canadian Parks Service
Western Region
No. 520, 220-4 Ave. S.E.
P.O. Box 2989, Stn. M.
Calgary, Alberta
T2P 3H8

Canadian Parks Service
Prairie and Northern Region
6th Floor, 457 Main St.
Winnipeg, Manitoba
R3B 3B8

Canadian Parks Service
Ontario Region
P.O. Box 1359, 111 Water St. E.
Cornwall, Ontario
K6H 5V4

Service canadien des parcs
Région du Québec
3 Buade
C.P. 6060
Haute-Ville, Québec
G1R 4V7

Canadian Parks Service
Atlantic Region
Historic Properties
Upper Water Street
Halifax, Nova Scotia
B3J 1S9

Canadian Interagency Forest Fire Centre
210-301 Weston Street
Winnipeg, Manitoba
R3E 3H4

Petawawa National Forestry Institute/
Institut forestier national de Petawawa
Forestry Canada/Forêts Canada
Chalk River, Ontario
K0J 1J0

The following symbols are used in the tables:/
Les symboles suivants ont été utilisés dans les tableaux :

- \- nil or zero/rien ou zéro
- -- too small to be expressed/valeur trop petite pour exprimer
- .. not available/valeur non disponible

Glossaire anglais-français

Agency priority zone tables	Tableaux des zones de priorité des organismes
Annual Average	Moyenne annuelle
Appendix	Annexe
April	Avril
Area burned (ha)	Superficie incendiée (ha)
Area burned in hectares	Superficie incendiée (hectares)
August	Août
British Columbia	Colombie-Britannique
Budgeted Costs	Dépenses budgétaires
Canadian Interagency Forest Fire Centre	Centre interservices des incendies de forêt du Canada
Cause Class	Classe de cause
CIFFC Forest Fire Statistics for Canada	Statistiques sur les incendies de forêt au Canada fournies par le CIFFC
Cutover & other areas	Parterre de coupe et autres
December	Décembre
Estimates	Estimations
Estimates provided by CIFFC	Estimations fournies par le CIFFC
Exclusive of Newfoundland	À l'exclusion de Terre-Neuve
Exclusive of the Yukon and Northwest Territories and Newfoundland	À l'exclusion du Yukon, des Territoires-du-Nord-Ouest et de Terre-Neuve
Fatalities	Pertes de vie
February	Février
Fire Control Expenditure	Frais de la protection contre l'incendie
Fire Distribution by Cause	Répartition des incendies par cause
Fire Distribution by Month	Répartition des incendies par mois
Fire Distribution by Size Class	Répartition des incendies par classe de taille
Fire Fighting Costs	Frais d'extinction des incendies
Fire Losses	Pertes dues au incendies de forêt
Fires	Incendies
Forest Fire Statistics for Alberta	Statistiques sur les incendies de forêt en Alberta
Forest Fire Statistics for British Columbia	Statistiques sur les incendies de forêt en Colombie-Britannique
Forest Fire Statistics for Canada	Statistiques sur les incendies de forêt au Canada
Forest Fire Statistics for Manitoba	Statistiques sur les incendies de forêt au Manitoba
Forest Fire Statistics for New Brunswick	Statistiques sur les incendies de forêt au Nouveau-Brunswick
Forest Fire Statistics for Newfoundland and Labrador	Statistiques sur les incendies de forêt à Terre-Neuve et au Labrador
Forest Fire Statistics for Nova Scotia	Statistiques sur les incendies de forêt en Nouvelle-Écosse
Forest Fire Statistics for Ontario	Statistiques sur les incendies de forêt en Ontario
Forest Fire Statistics for Other Federal Lands	Statistiques sur les incendies de forêt sur les autres terres fédérales
Forest Fire Statistics for Prince Edward Island	Statistiques sur les incendies de forêt à Île-du-Prince-Édouard
Forest Fire Statistics for Quebec	Statistiques sur les incendies de forêt au Québec
Forest Fire Statistics for Saskatchewan	Statistiques sur les incendies de forêt en Saskatchewan
Forest Fire Statistics for the National Parks	Statistiques sur les incendies de forêt dans les Parcs nationaux
Forest Fire Statistics for the Northwest Territories	Statistiques sur les incendies de forêt dans les Territoires-du-Nord-Ouest
Forest Fire Statistics for the Provinces	Statistiques sur les incendies de forêt dans les provinces
Forest Fire Statistics for the Territories	Statistiques sur les incendies de forêt dans les Territoires
Forest Fire Statistics for the Yukon Territory	Statistiques sur les incendies de forêt au Yukon
Forest Industry	Industrie forestière
Incendiary	Incendiaire
Intensive Protection Zone	Zone de protection intensive
January	Janvier
July	Juillet
June	Juin
Jurisdiction	Territoire
Lightning	Foudre

Limited Protection Zone	Zone de protection limitée
March	Mars
May	Mai
Merchantable Timber	Bois marchand
Miscellaneous	Divers
Month	Mois
National Parks	Parcs nationaux
New Brunswick	Nouveau-Brunswick
Newfoundland	Terre-Neuve
No fires	Aucun incendie
No fires reported	Aucun incendie signalé
Northwest Territories	Territoires-du-Nord-Ouest
Nova Scotia	Nouvelle-Écosse
November	Novembre
Number of fires	Nombre d'incendies
N.W.T.	T.-N.-O.
October	Octobre
Other Federal Lands	Autres terres fédérales
Other Industry	Autres industries
Over 200	Plus de 200
Parks Canada	Parcs Canada
P.E.I.	Î.-P.-É.
Prince Edward Island	Île-du-Prince-Édouard
Priority zone	Zone de priorité
Quebec	Québec
Railroads	Chemins de fer
Real and personal property	Dommages à la propriété
Recreation	Loisirs
Regeneration and immature	Régénération et jeune peuplement
Resident	Résident
September	Septembre
Size class (hectares)	Classe de taille (hectares)
Total area burned (hectares)	Superficie totale incendiée (hectares)
Total known man-caused	Total connu (causes humaines)
Total number of fires	Nombre total d'incendies
Totals	Totaux
Unknown	Inconnu
Value lost	Montant des pertes
Year	Année
Yearly Forest Fire Losses	Pertes annuelles dues aux incendies de forêt
Yukon Territory	Territoire du Yukon

Canadian Forest Fire Statistics/Statistiques sur les incendies de forêt au Canada

1984

Footnotes/Notes en bas de la page

Table 1.3/Tableau 1.3

[1]PEI included in total only (47 fires)./L'Île-du-Prince-Édouard est incluse au total seulement (47 incendies).

Table 1.4/Tableau 1.4

[2]Nova Scotia and National Parks not included./La Nouvelle-Écosse et les Parcs nationaux ne sont pas inclus.

[3]Saskatchewan, New Brunswick, Prince Edward Island, National Parks included in total only./La Saskatchewan, le Nouveau-Brunswick, l'Île-du-Prince-Édouard et les Parcs nationaux sont inclus au total seulement.

[4]Saskatchewan, Nova Scotia, Prince Edward Island, National Parks not included. Alberta included in total only ($48 789 059)./La Saskatchewan, la Nouvelle-Écosse, l'Île-du-Prince-Édouard et les Parcs nationaux ne sont pas inclus. L'Alberta est inclus au total seulement (48 789 059 $).

Table 1.5/Tableau 1.5

[1]Figures rounded to nearest 1000 dollars; interagency comparisons should not be made; data from previous years not sufficiently complete for annual averages./Les montants sont arrondis au mille dollars près; il vaut mieux ne pas faire de comparaison entre les organismes; les données des années précédentes ne sont pas assez complètes pour calculer les moyennes annuelles.

Table 2.3/Tableau 2.3

[1]PEI included in total only (47 fires)./L'Île-du-Prince-Édouard est incluse au total seulement (47 incendies).

Table 2.4/Tableau 2.4

[2]Nova Scotia and National Parks not included./La Nouvelle-Écosse et les Parcs nationaux ne sont pas inclus.

[3]Saskatchewan, New Brunswick, Prince Edward Island, National Parks included in total only./La Saskatchewan, le Nouveau-Brunswick, l'Île-du-Prince-Édouard et les Parcs nationaux sont inclus au total seulement.

[4]Saskatchewan, Nova Scotia, Prince Edward Island, National Parks not included. Alberta included in total only ($48 789 059)./La Saskatchewan, la Nouvelle-Écosse, l'Île-du-Prince-Édouard et les Parcs nationaux ne sont pas inclus. L'Alberta est inclus au total seulement (48 789 059 $).

Table 9.1/Tableau 9.1

[1]Figures reported do not include Limited Protection Zone./Les chiffres obtenus ne comprennent pas la Zone de protection limitée.

1985

Footnotes/Notes en bas de la page

Table 1.3/Tableau 1.3

[1]Western Region of National Parks in total only (40 fires, 578 ha)./La Région de l'Ouest des Parcs nationaux est incluse au total seulement (40 incendie, 578 ha).

[2]Prince Edward Island included in total only (45 fires)./L'Île-du-Prince-Édouard est incluse au total seulement (45 incendies).

Table 1.4/Tableau 1.4

[3]Ontario Region and Western Region of National Parks included in total only (585 ha)./La Région de l'Ontario et la Région de l'Ouest des Parcs nationaux sont incluses au total seulement (585 ha).

[4]Nova Scotia and National Parks not available./La Nouvelle-Écosse et les Parcs nationaux ne sont pas disponibles.

[5]Saskatchewan, New Brunswick, Prince Edward Island, National Parks in total only./La Saskatchewan, le Nouveau-Brunswick, l'Île-du-Prince-Édouard et les Parcs nationaux sont inclus au total seulement.

[6]Alberta in total only, Saskatchewan, Nova Scotia, PEI, National Parks not available./L'Alberta est inclus au total seulement; la Saskatchewan, la Nouvelle-Écosse, l'Île-du-Prince-Édouard et les Parcs nationaux ne sont pas disponibles.

Table 1.5/Tableau 1..

[1]Figures rounded to nearest 1000 dollars; interagency comparisons should not be made; data from previous years not sufficiently complete for annual averages./Montants arrondis au mille dollars près; il vaut mieux ne pas faire de comparaison entre les organismes; les données des années précédentes ne sont pas assex complètes pour calculer les moyennes annuelles.

Table 2.3/Tableau 2.3

[1]Western Region of National Parks in total only (40 fires, 578 ha)./La Région de l'Ouest des Parcs nationaux est comprise dans le total seulement (40 incendies, 578 ha).

[2]Prince Edward Island included in total only (45 fires)./L'Île-du-Prince-Édouard es comprise dans le total seulement (45 incendies).

Table 2.4/Tableau 2.4

[3]Ontario Region and Western Region of National Parks included in total only (585 ha)./La Région de l'Ontario et la Région de l'Ouest des Parcs nationaux sont incluses au total seulement (585 ha).

[4]Nova Scotia and National Parks not available./La Nouvelle Écosse et les Parcs nationaux ne sont pas disponibles.

[5]Saskatchewan, New Brunswick, Prince Edward Island, National Parks in total only./La Saskatchewan, le Nouveau-Brunswick, l'Île-du-Prince-Édouard et les Parcs nationaux sont inclus au total seulement.

[6]Alberta in total only, Saskatchewan, Nova Scotia, PEI, National Parks not available./L'Alberta est inclus au total seulement; la Saskatchewan, la Nouvelle-Écosse, l'Île-du-Prince-Édouard et les Parcs nationaux ne sont pas disponibles.

Table 9.1/Tableau 9.1

[1]Figures reported do not include Limited Protection Zone./Les chiffres obtenus n'incluent pas la Zone de protection limitée.

Table 9.3/Tableau 9.3

[1]Figures reported do not include Limited Protection Zone./Les chiffres obtenus n'incluent pas la Zone de protection limitée.

Table 16.3/Tableau 16.3

[1]Western Region included in total only (40 fires, 578 ha)./La Région de l'Ouest est incluse au total seulement (40 incendies, 578 ha).

Table 16.4/Tableau 16.4

[2]Ontario Region and Western Region included in total only./La Région de l'Ontario et la Région de l'Ouest sont icluses au total seulement.

1986
Footnotes/Notes en bas de la page

Table 1.3/Tableau 1.3

[1]Prince Edward Island (46 fires) included in total only./L'Île-du-Prince-Édouard (46 incendies) est incluse au total seulement.

Table 1.4/Tableau 1.4

[2]National Parks (2663 ha) included in total only./Les Parcs nationaux (2663 ha) sont inclus au total seulement.

[3]Value lost. Only real and personal property reported. Alberta, Nova Scotia and Newfoundland not availabe./Perte de valeur. Les données obtenues concernent seulement les propriétés immobilières personnelles. L'Alberta, la Nouvelle-Écosse et Terre-Neuve ne sont pas disponibles.

[4]Saskatchewan (408 834 ha), New Brunswick (2618 ha), Prince Edward Island (190 ha) and National Parks (107 386 ha) included in total only./La Saskatchewan (408 834 ha), le Nouveau-Brunswick (2618 ha), l'Île-du-Prince-Édouard (190 ha) et les Parcs nationaux (107 386 ha) sont inclus au total seulement.

[5]Value lost. Only real and personal property reported. Alberta, Saskatchewan, Nova Scotia, Prince Edward Island and National Parks not available./Perte de valeur. Les données obtenues concernent seulement les propriétés immobilières personnelles. L'Alberta, la Saskatchewan, la Nouvelle-Écosse, l'Île-du-Prince-Édouard et les Parcs nationaux ne sont pas disponibles.

Table 1.5/Tableau 1.5

[1]Figures rounded to nearest thousand dollars; interagency comparisons should not be made; data from previous years not sufficiently complete for annual averages./Montants arrondis au mille dollars près; il vaut mieux ne pas faire de comparaison entre les organismes; les données des années précédentes ne sont pas assez complètes pour calculer les moyennes annuelles.

Table 2.3/Tableau 2.3

[1]Prince Edward Island (46 fires) included in total only./L'Île-du-Prince-Édouard (46 incendies) est incluse au total seulement.

Table 2.4/Tableau 2.4

[2]National Parks (2663 ha) included in total only./Les Parcs nationaux (2663 ha) sont inclus au total seulement.

[3]Value lost. Only real and personal property reported. Alberta, Nova Scotia and Newfoundland not availabe./Perte de valeur. Les données obtenues concernent seulement les propriétés immobilières personnelles. L'Alberta, la Nouvelle-Écosse et Terre-Neuve ne sont pas disponibles.

[4]Saskatchewan (408 834 ha), New Brunswick (2618 ha), Prince Edward Island (190 ha) and National Parks (107 386 ha) included in total only./La Saskatchewan (408 834 ha), le Nouveau-Brunswick (2618 ha), l'Île-du-Prince-Édouard (190 ha) et les Parcs nationaux (107 386 ha) sont inclus au total seulement.

[5]Value lost. Only real and personal property reported. Alberta, Saskatchewan, Nova Scotia, Prince Edward Island and National Parks not available./Perte de valeur. Les données obtenues concernent seulement les propriétés immobilières personnelles. L'Alberta, la Saskatchewan, la Nouvelle-Écosse, l'Île-du-Prince-Édouard et les Parcs nationaux ne sont pas disponibles.

1987

Footnotes/Notes en bas de la page

Table 1.3/Tableau 1.3

[1]Prince Edward Island (52 fires) included in total only./L'Île-du-Prince-Édouard est incluse au total seulement (52 incendies).

Table 1.4/Tableau 1.4

[2]National Parks (141 ha) included in total only./Les Parcs nationaux (141 ha) sont inclus au total seulement.

[3]Value lost. Only real and personal property reported. Alberta, Nova Scotia and Newfoundland not available./Perte de valeur. Les données obtenues concernent seulement les propriétés immobilières personnelles. L'Alberta, la Nouvelle-Écosse et Terre-Neuve ne sont pas disponibles.

[4]Saskatchewan (401 051 ha), New Brunswick (6066 ha), Prince Edward Island (230 ha) and National Parks (107 633 ha) included in total only./La Saskatchewan (401 051 ha), le Nouveau-Brunswick (6066 ha), l'Île-du-Prince-Édouard (230 ha) et les Parcs nationaux (107 633 ha) sont inclus au total seulement.

[5]Value lost. Only real and personal property reported. Alberta, Saskatchewan, Nova Scotia, Prince Edward Island and National Parks not available./Perte de valeur. Les données obtenues concernent seulement les propriétés immobilières personnelles. L'Alberta, la Saskatchewan, la Nouvelle-Écosse, l'Île-du-Prince-Édouard et les Parcs nationaux ne sont pas disponibles.

Table 1.5/Tableau 1.5

[1]Figures rounded to nearest thousand dollars; interagency comparisons should not be made; data from previous years not sufficiently complete for annual averages./Montants arrondis au mille dollars près; il vaut mieux ne pas faire de comparaison entre les organismes; les données des années précédentes ne sont pas assez complètes pour calculer les moyennes annuelles.

Table 2.3/Tableau 2.3

[1]Prince Edward Island (52 fires) included in total only./L'Île-du-Prince-Édouard est incluse au total seulement (52 incendies).

Table 2.4/Tableau 2.4

[2]National Parks (141 ha) included in total only./Les Parcs nationaux (141 ha) sont inclus au total seulement.

[3]Value lost. Only real and personal property reported. Alberta, Nova Scotia and Newfoundland not available./Perte de valeur. Les données obtenues concernent seulement les propriétés immobilières personnelles. L'Alberta, la Nouvelle-Écosse et Terre-Neuve ne sont pas disponibles.

[4]Saskatchewan (401 051 ha), New Brunswick (6066 ha), Prince Edward Island (230 ha) and National Parks (107 633 ha) included in total only./La Saskatchewan (401 051 ha), le Nouveau-Brunswick (6066 ha), l'Île-du-Prince-Édouard (230 ha) et les Parcs nationaux (107 633 ha) sont inclus au total seulement.

[5]Value lost. Only real and personal property reported. Alberta, Saskatchewan, Nova Scotia, Prince Edward Island and National Parks not available./Perte de valuer. Les données obtenues concernent seulement les propriétés immobilières personnelles. L'Alberta, la Saskatchewan, la Nouvelle-Écosse, l'Île-du-Prince-Édouard et les Parcs nationaux ne sont pas disponibles.

Forest Fire Statistics/
Statistique sur les incendies de forêt

Part/Partie 1 - 1984

FOREST FIRE STATISTICS FOR CANADA

Table 1.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	1 196	13	37 500	5	1 827	20	28 691	2
Resident	947	10	16 714	2	963	10	35 132	2
Forest Industry	329	3	4 915	1	354	4	28 642	1
Railroads	259	3	1 080	–	466	5	4 682	–
Other Industry	391	4	3 925	1	400	4	42 634	2
Incendiary	604	6	17 036	2	593	6	22 200	1
Miscellaneous	1 046	11	6 921	1	1 120	12	85 952	4
Total known man-caused	4 772	50	88 091	11	5 723	61	247 933	12
Lightning	4 484	47	546 234	72	3 225	39	1 837 480	87
Unknown	312	3	131 057	17	406	4	37 676	1
Totals	9 568	100	765 382	100	9 354	100	2 123 089	100

Table 1.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	4 800	50	360	–	4 654	50	353	–
0.1 - 4.0	3 638	38	3 494	1	3 453	37	3 672	–
4.1 - 40.0	742	8	14 704	2	784	8	14 279	1
40.1 - 200	228	2	139 874	18	222	2	128 761	6
over 200	160	2	606 950	79	241	3	1 976 024	93
Totals	9 568	100	765 382	100	9 354	100	2 123 089	100

FOREST FIRE STATISTICS FOR CANADA

Table 1.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires [1]	%	Area burned in hectares	%
January	7	–	287	–	14	–	36	–
February	23	–	275	–	10	–	122	–
March	58	1	81	–	59	1	945	–
April	1 375	14	68 512	9	754	8	99 464	5
May	1 012	11	44 915	6	1 833	19	263 323	12
June	1 058	11	62 388	7	1 642	17	637 419	30
July	2 151	23	443 762	59	2 170	23	577 658	27
August	3 177	33	142 965	19	1 954	21	450 224	21
September	395	4	1 458	–	563	6	78 550	4
October	268	3	524	–	238	3	12 829	1
November	42	–	214	–	63	1	2 489	–
December	2	–	1	–	7	–	30	–
Totals	9 568	100	765 382	100	9 354	100	2 123 089	100

[1]PEI included in total only (47 fires).

Table 1.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost[2]	Area burned in hectares [3]	Value lost[4]
Merchantable Timber	96 364	$50 110 105	334 111	$59 576 670
Regeneration and Immature	84 620	77 633 523	246 063	15 301 188
Cutover & Other Areas	584 398	718 910	1 057 681	4 877 410
Real and Personal Property		3 300 273		3 441 760
Totals	765 382	$131 762 811	2 123 089	$131 986 087

[2]Nova Scotia and National Parks not included.
[3]Saskatchewan, New Brunswick, Prince Edward Island, National Parks included in total only.
[4]Saskatchewan, Nova Scotia, Prince Edward Island, National Parks not included.
Alberta included in total only ($48 789 059).

Table 1.5 Fire Control Expenditure[1] - 1984

Jurisdiction	Budgeted cost	Fire fighting cost	Fatalities
British Columbia	$46 000 000	$23 355 000	4
Alberta	19 658 000	7 804 000	-
Saskatchewan	9 020 000	14 724 000	1
Manitoba	7 600 000	7 337 000	-
Ontario	26 000 000	7 500 000	-
Québec	22 800 000	1 100 000	-
New Brunswick	1 186 000	517 000	-
Prince Edward Island	30 000	34 000	-
Nova Scotia	2 020 000	247 000	-
Newfoundland	1 467 000	1 532 000	..
Yukon Territory	5 900 000	1 300 000	-
Northwest Territories	5 495 000	4 800 000	-
National Parks	2 240 000	2 018 000	-
Totals	$149 416 000	$72 268 000	5

[1]Figures rounded to nearest 1000 dollars, interagency comparisons should not be made; data from previous years not sufficiently complete for annual averages.

FOREST FIRE STATISTICS FOR THE PROVINCES[1]

Table 2.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	1 115	12	37 283	5	1 742	19	26 011	2
Resident	939	10	16 712	2	942	11	35 072	3
Forest Industry	328	4	4 909	1	351	4	27 275	2
Railroads	259	3	1 080	–	465	5	4 528	–
Other Industry	381	4	3 771	1	382	4	32 799	2
Incendiary	600	7	17 036	2	590	7	22 115	2
Miscellaneous	1 012	11	6 906	1	1 100	12	85 083	6
Total known man-caused	4 634	51	87 697	12	5 572	62	232 883	17
Lightning	4 150	46	485 835	69	2 970	33	1 144 979	82
Unknown	305	3	130 881	19	396	5	17 539	1
Totals	9 089	100	704 413	100	8 938	100	1 395 401	100

Table 2.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	4 663	51	335	–	4 551	51	344	–
0.1 - 4.0	3 430	38	3 262	1	3 273	37	3 461	–
4.1 - 40.0	691	8	14 015	2	736	8	12 671	1
40.1 - 200	189	2	135 587	19	199	2	126 125	9
over 200	116	1	551 214	78	179	2	1 252 800	90
Totals	9 089	100	704 413	100	8 938	100	1 395 401	100

FOREST FIRE STATISTICS FOR THE PROVINCES

Table 2.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires [1]	%	Area burned in hectares	%
January	7	–	287	–	14	–	36	–
February	23	–	275	–	10	–	122	–
March	58	1	81	–	59	1	945	–
April	1 369	15	68 512	10	751	9	99 446	7
May	942	10	43 289	6	1 800	20	252 459	18
June	869	10	27 255	4	1 520	17	387 103	28
July	2 055	23	426 723	61	1 997	22	266 434	19
August	3 073	34	135 795	19	1 890	21	297 587	21
September	386	4	1 458	–	545	6	75 923	6
October	263	3	523	–	235	3	12 827	1
November	42	–	214	–	63	-	2 489	–
December	2	–	1	–	7	–	30	–
Totals	9 089	100	704 413	100	8 938	100	1 395 401	100

[1]PEI included in total only (47 fires).

Table 2.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost[2]	Area burned in hectares [3]	Value lost[4]
Merchantable Timber	96 023	$49 288 524	303 610	$58 235 240
Regeneration and Immature	77 832	77 563 919	204 278	11 521 267
Cutover & Other Areas	530 558	425 010	402 279	1 710 466
Real and Personal Property		3 300 273		3 427 040
Totals	704 413	$130 577 726	1 395 401	$123 683 072

[2]Nova Scotia and National Parks not included.
[3]Saskatchewan, New Brunswick, Prince Edward Island, National Parks included in total only.
[4]Saskatchewan, Nova Scotia, Prince Edward Island, National Parks not included. Alberta included in total only($48 789 059).

FOREST FIRE STATISTICS FOR THE TERRITORIES

Table 3.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	81	17	217	1	85	20	2 680	–
Resident	8	2	2	–	21	5	60	–
Forest Industry	1	–	6	–	3	1	1 367	–
Railroads	-	-	-	-	1	–	154	–
Other Industry	10	2	154	–	18	4	9 835	2
Incendiary	4	1	–	–	3	1	85	–
Miscellaneous	34	7	15	–	20	5	869	–
Total known man-caused	138	29	394	1	151	36	15 050	2
Lightning	334	70	60 399	99	255	61	692 501	95
Unknown	7	1	176	–	10	3	20 137	3
Totals	479	100	60 969	100	416	100	727 688	100

Table 3.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	137	29	25	–	103	25	9	–
0.1 - 4.0	208	43	232	–	180	43	211	–
4.1 - 40.0	51	11	689	1	48	12	1 608	–
40.1 - 200	39	8	4 287	7	23	5	2 636	–
over 200	44	9	55 736	92	62	15	723 224	100
Totals	479	100	60 969	100	416	100	727 688	100

FOREST FIRE STATISTICS FOR THE TERRITORIES

Table 3.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	6	1	–	–	3	1	18	–
May	70	15	1 626	3	33	8	10 864	2
June	189	39	35 133	57	22	29	250 316	34
July	96	20	17 039	28	173	42	311 224	43
August	104	22	7 170	12	64	15	152 637	21
September	9	2	–	–	18	4	2 627	–
October	5	1	1	–	3	1	2	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	479	100	60 969	100	416	100	727 688	100

Table 3.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	341	$821 581	30 501	$1 341 430
Regeneration and Immature	6 788	69 604	41 785	3 779 921
Cutover & Other Areas	53 840	293 900	655 402	3 166 944
Real and Personal Property		-		14 720
Totals	60 969	$1 185 085	727 688	$8 303 015

FOREST FIRE STATISTICS FOR BRITISH COLUMBIA

Table 4.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	262	9	2 807	14	370	16	4 804	6
Resident	65	2	1 269	6	105	5	2 516	3
Forest Industry	146	5	2 288	11	158	7	4 655	6
Railroads	51	2	80	–	87	4	259	–
Other Industry	76	2	400	2	74	3	2 146	3
Incendiary	151	5	912	5	144	6	2 896	4
Miscellaneous	348	11	1 029	6	334	15	7 579	10
Total known man-caused	1 099	36	8 785	44	1 272	56	24 855	32
Lightning	1 962	64	11 123	56	978	44	52 307	68
Unknown	2	–	–	–	7	–	218	–
Totals	3 063	100	19 908	100	2 257	100	77 380	100

Table 4.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	2 204	72	220	1	1 486	66	127	–
0.1 - 4.0	677	22	686	3	572	25	560	1
4.1 - 40.0	129	4	1 916	10	133	6	1 906	2
40.1 - 200	41	2	3 507	18	42	2	3 715	5
over 200	12	–	13 579	68	24	1	71 072	92
Totals	3 063	100	19 908	100	2 257	100	77 380	100

FOREST FIRE STATISTICS FOR BRITISH COLUMBIA

Table 4.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	1	–	7	–
February	-	-	-	-	1	–	2	–
March	12	–	9	–	14	1	68	1
April	204	7	3 036	15	137	6	4 077	2
May	121	4	6 612	33	223	10	15 169	21
June	156	5	151	1	369	16	12 693	16
July	1 040	34	7 950	40	599	26	17 392	22
August	1 365	45	1 164	6	645	29	19 777	25
September	116	4	743	4	173	8	6 383	8
October	49	1	243	1	85	4	1 351	3
November	-	-	-	-	7	–	457	2
December	-	-	-	-	3	–	9	–
Totals	3 063	100	19 908	100	2 257	100	77 380	100

Table 4.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	10 629	$1 676 540	31 580	$5 519 287
Regeneration and Immature	1 598	425 186	17 975	6 173 932
Cutover & Other Areas	7 681	95 407	27 825	406 890
Real and Personal Property		2 097 992		1 006 304
Totals	19 908	$4 295 125	77 380	$13 106 413

FOREST FIRE STATISTICS FOR ALBERTA

Table 5.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	90	7	302	–	158	17	250	–
Resident	114	8	2 601	3	93	10	1 857	1
Forest Industry	16	1	8	–	17	2	165	–
Railroads	13	1	111	–	16	2	118	–
Other Industry	92	7	416	1	58	6	22 639	8
Incendiary	64	5	9 843	12	71	8	1 885	1
Miscellaneous	82	6	472	1	66	7	15 621	5
Total known man-caused	471	35	13 753	17	479	52	42 535	14
Lightning	885	64	65 184	83	405	44	255 784	86
Unknown	14	1	29	–	32	4	216	–
Totals	1 370	100	78 966	100	916	100	298 535	100

Table 5.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	791	58	40	–	491	54	1	–
0.1 - 4.0	446	33	526	1	292	32	358	–
4.1 - 40.0	93	7	1 367	2	89	10	1 327	–
40.1 - 200	19	1	1 692	2	25	3	2 165	1
over 200	21	1	75 341	95	19	1	294 684	99
Totals	1 370	100	78 966	100	916	100	298 535	100

FOREST FIRE STATISTICS FOR ALBERTA

Table 5.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	7	1	287	–	5	1	4	–
February	19	1	266	–	5	1	11	–
March	17	1	37	–	8	1	11	–
April	143	10	12 049	15	86	9	23 595	8
May	120	9	687	1	187	20	40 748	14
June	161	12	1 033	2	221	24	95 162	32
July	295	22	62 148	79	180	20	16 481	5
August	568	41	2 151	3	110	12	71 299	24
September	24	2	237	–	46	5	51 042	17
October	9	1	6	–	45	5	109	–
November	5	–	64	–	20	2	58	–
December	2	–	1	–	3	–	15	–
Totals	1 370	100	78 966	100	916	100	298 535	100

Table 5.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	21 650	$3 034 766	123 197	$..
Regeneration and Immature	13 609	94 074	80 527	..
Cutover & Other Areas	43 707	-	94 811	..
Real and Personal Property		-		..
Totals	78 966	$3 128 840	298 535	$48 789 059

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Table 6.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	103	11	20 780	6	78	16	1 807	–
Resident	122	14	3 347	1	80	16	2 258	1
Forest Industry	6	1	1	–	7	1	732	–
Railroads	6	1	2	–	3	1	43	–
Other Industry	8	1	183	–	10	2	3 808	1
Incendiary	74	8	408	–	37	7	5 210	1
Miscellaneous	42	5	2 327	1	26	5	40 122	11
Total known man-caused	361	41	27 048	8	241	48	53 980	14
Lightning	512	57	282 432	88	231	46	316 369	84
Unknown	22	2	11 755	4	30	6	7 458	2
Totals	895	100	321 235	100	502	100	377 807	100

Table 6.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	250	28	7	–	182	36	6	–
0.1 - 4.0	460	51	425	–	203	41	235	–
4.1 - 40.0	96	11	1 452	1	52	10	760	–
40.1 - 200	38	4	3 887	1	21	4	2 024	1
over 200	51	6	315 464	98	44	9	374 782	99
Totals	895	100	321 235	100	502	100	377 807	100

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Table 6.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	2	–	4	–
February	-	-	-	-	1	–	4	–
March	1	–	–	–	1	–	22	–
April	94	10	3 534	1	36	7	43 254	12
May	81	10	7 133	2	121	24	72 823	19
June	179	20	23 634	8	108	22	76 546	20
July	180	20	260 344	81	112	22	98 110	26
August	342	38	26 573	8	84	17	77 905	21
September	7	1	1	–	23	5	951	–
October	11	1	16	–	9	2	8 176	2
November	-	-	-	-	5	1	12	–
December	-	-	-	-	-	-	-	-
Totals	895	100	321 235	100	502	100	377 807	100

Table 6.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	28 464	$38 163 567	..	$..
Regeneration and Immature	18 817	69 578 686	..	..
Cutover & Other Areas	273 954	-	..	..
Real and Personal Property		416 943		..
Totals	321 235	$108 159 196	377 807	$..

FOREST FIRE STATISTICS FOR MANITOBA

Table 7.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	80	12	2 410	3	80	12	5 902	3
Resident	142	21	7 742	6	154	24	22 334	13
Forest Industry	5	-	5	–	5	1	219	–
Railroads	31	4	623	–	21	3	1 014	1
Other Industry	21	3	224	–	22	3	1 265	1
Incendiary	33	5	4 393	4	74	11	10 521	6
Miscellaneous	5	1	6	–	26	4	3 190	2
Total known man-caused	317	46	16 403	39	382	58	44 445	26
Lightning	287	41	79 727	61	258	39	118 581	71
Unknown	88	13	34 059	26	21	3	4 628	3
Totals	692	100	130 189	100	661	100	167 654	100

Table 7.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	131	19	13	–	154	23	12	–
0.1 - 4.0	344	50	429	–	309	47	430	–
4.1 - 40.0	163	24	6 841	6	131	20	4 459	3
40.1 - 200	54	7	122 906	94	48	7	112 103	67
over 200	-	-	-	-	19	3	50 650	30
Totals	692	100	130 189	100	661	100	167 654	100

FOREST FIRE STATISTICS FOR MANITOBA

Table 7.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	6	1	21	–
February	-	-	-	-	1	–	98	–
March	-	-	-	-	3	–	785	–
April	155	22	42 428	33	68	10	26 572	16
May	79	12	7 262	6	141	22	44 470	27
June	72	10	352	-	105	16	41 169	25
July	144	21	40 573	31	171	26	33 319	20
August	201	30	39 099	30	98	15	6 498	4
September	30	4	382	–	42	6	10 613	6
October	10	1	77	–	17	3	2 495	1
November	1	–	16	–	8	1	1 614	1
December	-	-	-	-	1	–	–	–
Totals	692	100	130 189	100	661	100	167 654	100

Table 7.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	30 815	$5 700 775	57 969	$34 051 525
Regeneration and Immature	20 284	6 896 560	34 582	2 617 121
Cutover & Other Areas	79 090	292 633	75 103	257 817
Real and Personal Property		50 000		8 800
Totals	130 189	$12 939 968	167 654	$36 935 263

FOREST FIRE STATISTICS FOR ONTARIO

Table 8.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	276	22	3 996	3	523	26	8 371	3
Resident	221	18	709	1	200	10	2 733	1
Forest Industry	21	2	2 434	2	25	1	16 479	6
Railroads	94	8	206	–	209	10	2 663	1
Other Industry	45	4	2 328	2	29	1	215	–
Incendiary	69	5	825	1	41	2	303	–
Miscellaneous	199	16	2 654	2	201	10	14 967	5
Total known man-caused	925	75	13 152	11	1 228	60	45 731	16
Lightning	286	23	22 642	19	767	38	228 019	83
Unknown	29	2	84 630	70	43	2	2 234	1
Totals	1 240	100	120 424	100	2 038	100	275 984	100

Table 8.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	643	52	37	–	970	48	56	–
0.1 - 4.0	493	40	422	–	867	42	799	–
4.1 - 40.0	72	6	945	1	126	6	1 759	1
40.1 - 200	12	–	1 644	2	32	2	3 253	1
over 200	20	2	117 376	97	43	2	270 117	98
Totals	1 240	100	120 424	100	2 038	100	275 984	100

FOREST FIRE STATISTICS FOR ONTARIO

Table 8.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	3	–	1	–	12	1	32	–
April	389	31	6 107	5	198	10	1 317	1
May	186	15	17 427	14	392	19	71 108	26
June	87	7	1 321	2	280	14	100 199	36
July	182	15	43 569	36	514	25	59 127	21
August	260	21	51 915	43	470	23	37 188	14
September	96	8	55	–	130	6	6 156	2
October	31	3	21	–	37	2	575	–
November	6	–	8	–	5	–	282	–
December	-	-	-	-	-	-	-	-
Totals	1 240	100	120 424	100	2 038	100	275 984	100

Table 8.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1 242	$291 245	62 086	$12 204 381
Regeneration and Immature	977	496 242	60 748	2 341 395
Cutover & Other Areas	118 205	-	153 150	-
Real and Personal Property		652 985		476 053
Totals	120 424	$1 440 472	275 984	$15 021 829

FOREST FIRE STATISTICS FOR QUÉBEC[1]

Table 9.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	213	31	751	24	423	37	1 865	5
Resident	174	25	515	17	193	16	781	2
Forest Industry	65	10	107	4	81	7	2 739	7
Railroads	30	4	32	1	43	4	120	–
Other Industry	99	14	102	3	143	12	2 111	6
Incendiary	45	7	202	7	68	6	374	1
Miscellaneous	12	2	98	3	14	1	782	2
Total known man-caused	638	93	1 807	59	965	81	8 772	23
Lightning	45	7	1 275	41	222	19	29 354	77
Unknown	-	-	-	-	-	-	-	-
Totals	683	100	3 082	100	1 187	100	38 126	100

[1]Figures reported do not include Limited Protection Zone.

Table 9.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	356	52	8	–	648	55	23	–
0.1 - 4.0	272	41	323	10	400	34	444	1
4.1 - 40.0	44	6	663	22	116	10	1 265	3
40.1 - 200	10	1	838	27	14	1	1 336	4
over 200	1	–	1 250	41	9	–	35 058	92
Totals	683	100	3 082	100	1 187	100	38 126	100

FOREST FIRE STATISTICS FOR QUÉBEC

Table 9.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	–	–	–	–
April	200	29	915	30	45	4	130	–
May	113	17	296	10	365	31	3 441	9
June	74	11	390	13	182	15	30 341	80
July	62	8	1 261	41	225	19	3 400	9
August	102	15	83	3	276	23	466	1
September	47	7	10	–	62	5	226	1
October	67	10	76	2	23	2	68	–
November	18	3	51	1	9	1	48	–
December	-	-	-	-	–	–	6	–
Totals	683	100	3 082	100	1 187	100	38 126	100

Table 9.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1 462	$142 546	22 624	$2 665 602
Regeneration and Immature	935	26 315	8 218	205 116
Cutover & Other Areas	685	32 562	7 284	954 821
Real and Personal Property		60 210		413 703
Totals	3 082	$261 633	38 126	$4 239 242

FOREST FIRE STATISTICS FOR NEW BRUNSWICK

Table 10.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	37	9	18	3	29	6	82	3
Resident	84	21	107	19	44	9	241	10
Forest Industry	8	2	6	1	22	5	780	29
Railroads	14	4	19	3	25	5	45	2
Other Industry	8	2	74	13	12	3	127	5
Incendiary	65	16	190	33	30	6	415	17
Miscellaneous	125	32	111	19	210	45	453	19
Total known man-caused	341	86	525	91	372	79	2 143	85
Lightning	27	7	25	4	33	7	68	2
Unknown	27	7	30	5	68	14	313	13
Totals	395	100	580	100	473	100	2 524	100

Table 10.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	-	-	-	-	247	52	12	1
0.1 - 4.0	357	90	130	22	189	40	186	7
4.1 - 40.0	35	9	278	48	29	6	381	15
40.1 - 200	3	1	172	30	6	1	470	19
over 200	-	-	-	-	2	1	1 475	58
Totals	395	100	580	100	473	100	2 524	100

FOREST FIRE STATISTICS FOR NEW BRUNSWICK

Table 10.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	1	–	–	–
April	82	21	79	14	24	5	60	3
May	95	24	207	36	146	31	1 299	54
June	54	14	142	24	98	21	668	24
July	18	5	3	1	78	16	125	5
August	70	18	18	3	87	18	244	10
September	29	7	20	3	26	5	81	3
October	42	11	38	7	10	2	44	1
November	5	–	73	13	3	1	3	–
December	-	-	-	-	-	-	-	-
Totals	395	100	580	100	473	100	2 524	100

Table 10.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	123	$6 803	..	$383 951
Regeneration and Immature	147	46 096	..	49 837
Cutover & Other Areas	310	4 408	..	59 875
Real and Personal Property		22 143		1 522 180
Totals	580	$79 450	2 524	$2 015 843

FOREST FIRE STATISTICS FOR PRINCE EDWARD ISLAND

Table 11.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	1	3	–	–	2	4	3	2
Resident	-	-	-	-	3	6	8	5
Forest Industry	5	13	9	5	2	5	4	2
Railroads	-	-	-	-	1	2	1	1
Other Industry	6	16	17	8	2	4	23	13
Incendiary	14	37	48	24	11	23	90	50
Miscellaneous	-	-	-	-	13	130	6	3
Total known man-caused	26	69	74	37	34	72	135	76
Lightning	-	-	-	-	-	-	-	-
Unknown	12	31	128	63	13	28	43	24
Totals	38	100	202	100	47	100	178	100

Table 11.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	7	18	–	–	15	32	14	8
0.1 - 4.0	21	55	46	23	23	49	25	14
4.1 - 40.0	9	24	56	28	7	16	64	36
40.1 - 200	1	3	100	49	1	1	43	24
over 200	-	-	-	-	1	2	32	18
Totals	38	100	202	100	47	100	178	100

FOREST FIRE STATISTICS FOR PRINCE EDWARD ISLAND

Table 11.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	..	..	-	-
February	-	-	-	-	..	..	-	-
March	-	-	-	-	..	..	3	2
April	11	29	31	15	..	..	53	30
May	14	36	161	80	..	..	83	46
June	3	8	4	2	..	..	7	4
July	5	13	2	1	..	..	22	13
August	3	8	–	-	..	..	4	2
September	1	3	–	-	..	..	5	3
October	1	3	4	2	..	..	–	–
November	-	-	-	-	..	..	1	–
December	-	-	-	-	..	..	-	-
Totals	38	100	202	100	47	100	178	100

Table 11.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	8	$3 120	..	$..
Regeneration and Immature	–	400	..	..
Cutover & Other Areas	194	-	..	..
Real and Personal Property		-		..
Totals	202	$3 520	178	$..

FOREST FIRE STATISTICS FOR NOVA SCOTIA

Table 12.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	17	4	57	10	37	7	48	2
Resident	-	-	-	-	47	8	39	1
Forest Industry	49	11	49	8	25	4	91	3
Railroads	12	3	2	–	38	7	38	1
Other Industry	22	5	19	3	30	5	35	1
Incendiary	85	19	215	36	105	19	397	16
Miscellaneous	182	40	187	31	172	30	395	14
Total known man-caused	367	82	529	88	454	80	1 043	38
Lightning	15	3	25	4	3	–	1	–
Unknown	69	15	44	8	110	20	1 678	62
Totals	451	100	598	100	567	100	2 722	100

Table 12.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	201	45	8	1	241	42	7	–
0.1 - 4.0	228	50	186	31	297	53	241	9
4.1 - 40.0	19	4	185	31	26	5	308	11
40.1 - 200	3	1	219	37	2	–	175	7
over 200	-	-	-	-	1	–	1 991	73
Totals	451	100	598	100	567	100	2 722	100

FOREST FIRE STATISTICS FOR NOVA SCOTIA

Table 12.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	..	..	-	-
February	1	–	8	1	2	–	7	–
March	25	6	34	6	20	4	29	1
April	81	18	320	54	147	26	240	9
May	98	22	124	21	160	28	360	13
June	54	12	27	5	74	13	1 824	67
July	52	11	8	1	51	9	188	7
August	61	13	25	4	72	13	38	1
September	29	6	8	1	30	5	17	1
October	43	10	42	7	6	1	5	–
November	7	2	2	–	5	1	14	1
December	-	-	-	-	–	–	–	–
Totals	451	100	598	100	567	100	2 722	100

Table 12.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	66	$..	1 373	$..
Regeneration and Immature	98	..	130	..
Cutover & Other Areas	434	..	1 219	..
Real and Personal Property		..		..
Totals	598	$..	2 722	$..

FOREST FIRE STATISTICS FOR NEWFOUNDLAND & LABRADOR

Table 13.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	16	16	5 160	67	28	14	2 874	6
Resident	16	16	22	–	21	11	192	–
Forest Industry	6	6	1	–	9	4	1 411	3
Railroads	4	4	2	–	18	9	222	–
Other Industry	-	-	-	-	1	1	429	1
Incendiary	-	-	-	-	4	2	15	–
Miscellaneous	9	9	18	–	29	15	1 911	4
Total known man-caused	51	51	5 203	67	110	56	7 054	14
Lightning	11	11	2 378	31	21	11	42 052	85
Unknown	39	38	162	2	63	33	660	1
Totals	101	100	7 743	100	194	100	49 766	100

Table 13.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	31	31	–	–	80	41	83	–
0.1 - 4.0	51	50	31	–	78	40	140	–
4.1 - 40.0	13	13	115	2	21	11	359	1
40.1 - 200	3	3	163	2	5	3	588	1
over 200	3	3	7 434	96	10	5	48 596	98
Totals	101	100	7 743	100	194	100	49 766	100

FOREST FIRE STATISTICS FOR NEWFOUNDLAND

Table 13.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	–	–	-	-
February	1	1	–	–	–	–	–	–
March	-	-	-	-	–	–	–	–
April	7	7	10	–	6	3	9	–
May	22	22	121	2	52	27	840	2
June	10	10	67	1	52	27	8 035	16
July	35	34	7 491	97	45	23	24 272	49
August	22	22	52	–	28	14	16 165	32
September	4	4	2	–	10	5	442	1
October	-	-	-	-	1	1	3	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	101	100	7 743	100	194	100	49 766	100

Table 13.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1 564	$269 162	4 781	$3 410 494
Regeneration and Immature	1	360	2 098	133 866
Cutover & Other Areas	6 178	-	42 887	31 063
Real and Personal Property		..		-
Totals	7 743	$269 522	49 766	$3 575 423

FOREST FIRE STATISTICS FOR THE YUKON

Table 14.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	32	19	15	–	30	23	122	–
Resident	2	1	–	–	7	5	37	–
Forest Industry	1	1	6	–	2	1	1 366	2
Railroads	-	-	-	-	–	–	1	–
Other Industry	9	5	154	1	7	6	13	–
Incendiary	4	2	–	–	2	2	85	–
Miscellaneous	30	18	6	–	9	7	272	–
Total known man-caused	78	46	181	1	57	44	1 896	2
Lightning	88	53	19 713	99	69	52	84 576	94
Unknown	2	1	1	–	5	4	3 818	4
Totals	168	100	19 895	100	131	100	90 290	100

Table 14.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	74	44	1	–	48	37	1	–
0.1 - 4.0	45	27	55	–	46	35	53	–
4.1 - 40.0	19	11	307	2	15	12	1 059	1
40.1 - 200	19	11	2 365	12	8	6	1 074	1
over 200	11	7	17 167	86	14	10	88 103	98
Totals	168	100	19 895	100	131	100	90 290	100

FOREST FIRE STATISTICS FOR THE YUKON

Table 14.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	–	–	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	–	–	–	–
April	6	4	–	–	1	1	11	–
May	21	12	1 238	6	15	12	7 049	8
June	60	36	16 122	81	42	32	16 752	18
July	31	18	175	1	48	37	38 481	43
August	42	25	2 359	12	18	13	27 656	31
September	3	2	–	–	6	4	341	–
October	5	3	1	–	1	1	–	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	168	100	19 895	100	131	100	90 290	100

Table 14.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	210	$808 101	20 982	$657 730
Regeneration and Immature	6 785	69 244	12 099	1 268 237
Cutover & Other Areas	12 900	89 200	57 209	279 005
Real and Personal Property		-		-
Totals	19 895	$966 545	90 290	$2 204 972

FOREST FIRE STATISTICS FOR THE NORTHWEST TERRITORIES

Table 15.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	49	16	202	1	55	20	2 558	–
Resident	6	2	2	–	14	5	23	–
Forest Industry	-	-	-	-	1	–	1	–
Railroads	-	-	-	-	1	–	153	–
Other Industry	1	–	–	–	11	4	9 822	2
Incendiary	-	-	-	-	1	–	–	–
Miscellaneous	4	1	9	–	11	4	597	–
Total known man-caused	60	19	213	1	94	33	13 154	2
Lightning	246	79	40 686	99	186	65	607 925	95
Unknown	5	2	175	–	5	2	16 319	3
Totals	311	100	41 074	100	285	100	637 398	100

Table 15.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	63	20	24	–	55	19	8	–
0.1 - 4.0	163	53	177	–	134	47	158	–
4.1 - 40.0	32	10	382	1	33	12	549	–
40.1 - 200	20	6	1 922	5	15	5	1 562	–
over 200	33	11	38 569	94	48	17	635 121	100
Totals	311	100	41 074	100	285	100	637 398	100

FOREST FIRE STATISTICS FOR THE NORTHWEST TERRITORIES

Table 15.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	–	–	-	-
February	-	-	-	-	–	–	–	–
March	-	-	-	-	–	–	–	–
April	-	-	-	-	2	1	7	–
May	49	16	388	1	18	6	3 815	1
June	129	41	19 011	46	80	28	233 564	36
July	65	21	16 864	41	125	44	272 743	43
August	62	20	4 811	12	46	16	124 981	20
September	6	2	–	–	12	4	2 286	–
October	-	-	-	-	2	1	2	–
November	-	-	-	-	–	–	–	–
December	-	-	-	-	-	-	-	-
Totals	311	100	41 074	100	285	100	637 398	100

Table 15.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	131	$13 480	9 519	$683 700
Regeneration and Immature	3	360	29 686	2 511 684
Cutover & Other Areas	40 940	204 700	598 193	2 887 939
Real and Personal Property		-		14 720
Totals	41 074	$218 540	637 398	$6 098 043

FOREST FIRE STATISTICS FOR NATIONAL PARKS

Table 16.1 Fire Distribution by Cause

Cause Class	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	20	12	2	–	14	15	5	–
Resident	1	1	400	2	2	2	2 113	–
Forest Industry	1	1	1	–	–	–	–	–
Railroads	4	2	3	–	4	4	5	–
Other Industry	4	2	8	–	1	1	1	–
Incendiary	-	-	-	-	5	5	9	–
Miscellaneous	8	5	4	–	9	10	57	–
Total known man-caused	38	23	418	2	35	37	2 190	2
Lightning	120	75	21 024	98	52	54	102 444	98
Unknown	3	2	44	–	9	9	91	–
Totals	161	100	21 486	100	96	100	104 725	100

Table 16.2 Fire Distribution by Size Class

Size Class (hectares)	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	49	31	2	–	37	39	3	–
0.1 - 4.0	81	50	58	–	43	45	43	–
4.1 - 40.0	18	11	197	1	6	7	83	–
40.1 - 200	5	3	459	2	3	2	253	–
over 200	8	5	20 770	97	7	7	104 343	100
Totals	161	100	21 486	100	96	100	104 725	100

FOREST FIRE STATISTICS FOR NATIONAL PARKS

Table 16.3 Fire Distribution by Month

Month	1984				Annual Average 1974-83			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	2	1	1	–	–	–	–	--
March	-	-	-	-	-	-	-	-
April	3	2	3	–	4	4	139	–
May	13	8	3 259	15	13	14	2 118	2
June	19	12	134	1	31	32	20 459	20
July	42	26	3 374	16	22	23	13 998	13
August	79	49	14 715	68	20	21	68 003	65
September	3	2	–	–	3	3	7	–
October	-	-	-	-	2	2	1	–
November	-	-	-	-	1	1	–	–
December	-	-	-	-	-	-	-	-
Totals	161	100	21 486	100	96	100	104 725	100

Table 16.4 Fire Losses

	1984		Annual Average 1974-83	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	-	$-	-	$-
Regeneration and Immature	21 366	..	..	..
Cutover & Other Areas	120	..	..	..
Real and Personal Property		..		..
Totals	21 486	$..	104 725	$..

Forest Fire Statistics/
Statistique sur les incendies de forêt

Part/Partie 2 - 1985

FOREST FIRE STATISTICS FOR CANADA

Table 1.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	1 422	15	51 738	7	1 780	19	31 628	2
Resident	1 142	12	6 438	1	982	10	36 399	2
Forest Industry	470	5	7 208	1	326	3	27 523	1
Railroads	319	3	662	–	437	5	4 707	–
Other Industry	364	4	8 735	1	406	4	42 714	2
Incendiary	800	9	22 033	3	612	7	23 582	1
Miscellaneous	1 090	12	147 452	19	1 112	12	86 375	4
Total known man-caused	5 607	60	244 266	32	5 655	60	252 928	12
Lightning	3 329	36	488 309	65	3 448	36	1 812 528	86
Unknown	421	4	24 685	3	394	4	49 309	2
Totals	9 357	100	757 260	100	9 497	100	2 114 765	100

Table 1.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	4 465	48	375	–	4 726	50	372	–
0.1 - 4.0	3 865	41	3 835	1	3 511	37	3 656	–
4.1 - 40.0	643	7	9 874	1	789	8	14 660	1
40.1 - 200	213	2	28 334	4	230	2	140 767	7
over 200	171	2	714 842	94	241	3	1 955 310	92
Totals	9 357	100	757 260	100	9 497	100	2 114 765	100

FOREST FIRE STATISTICS FOR CANADA

Table 1.3 Fire Distribution by Month

Month	1985[1]				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	2	–	1	–	15	–	64	–
February	4	–	1	–	12	–	149	–
March	84	1	530	–	62	1	951	–
April	1 100	12	4 989	1	841	9	106 150	5
May	1 755	19	122 968	16	1 842	20	267 512	13
June	1 380	15	102 479	14	1 558	16	615 149	29
July	2 603	28	482 399	64	2 216	23	569 345	27
August	1 618	17	40 237	5	2 084	22	462 812	22
September	497	5	2 074	–	532	6	78 006	3
October	220	2	691	–	220	2	12 090	1
November	49	1	304	–	60	1	2 507	–
December	5	–	9	–	10	–	30	–
Totals	9 357	100	757 260	100	9 497	100	2 114 765	100

[1]Western Region of National Parks in total only (40 fires 578 ha).
[2]Prince Edward Island included in total only (45 fires).

Table 1.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares[3]	Value lost[4]	Area burned in hectares[5]	Value lost[6]
Merchantable Timber	93 170	$50 234 614	326 746	$59 244 574
Regeneration and Immature	244 374	19 738 708	208 956	15 409 100
Cutover & Other Areas	419 131	1 236 733	1 062 241	4 898 031
Real and Personal Property		5 954 436		3 523 022
Totals	757 260	$77 164 491	2 114 765	$131 735 702

[3]Ontario Region and Western Region of National Parks included in total only (585 ha).
[4]Nova Scotia and National Parks not available.
[5]Saskatchewan, New Brunswick, Prince Edward Island, National Parks in total only.
[6]Alberta in total only, Saskatchewan, Nova Scotia, PEI, National Parks not available.

Table 1.5 Fire Control Expenditure[1] - 1985

Jurisdiction	Budgeted cost	Fire fighting cost	Fatalities
British Columbia	$45 345 000	$101 479 000	3
Alberta	27 266 000	10 917 000	-
Saskatchewan	7 964 000	9 109 000	-
Manitoba	7 800 000	1 634 000	-
Ontario	20 900 000	2 500 000	-
Québec	26 087 000	1 831 000	-
New Brunswick	410 000	1 045 000	-
Prince Edward Island	165 000	177 000	-
Nova Scotia	2 722 000	304 000	-
Newfoundland	1 748 000	2 247 000	-
Yukon Territory	5 500 000	676 000	-
Northwest Territories	5 600 000	3 513 000	-
National Parks	2 376 000	2 391 000	-
Totals	$153 883 000	$137 823 000	3

[1]Figures rounded to nearest 1000 dollars, interagency comparisons should not be made; data from previous years not sufficiently complete for annual averages.

FOREST FIRE STATISTICS FOR THE PROVINCES

Table 2.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	1 346	15	41 296	8	1 693	19	28 935	2
Resident	1 124	12	6 413	1	962	10	36 339	3
Forest Industry	468	5	7 208	1	324	4	26 156	2
Railroads	319	3	662	–	436	5	4 553	–
Other Industry	350	4	8 722	2	387	4	32 867	2
Incendiary	787	9	22 031	4	608	7	23 497	2
Miscellaneous	1 077	12	147 449	27	1 090	12	85 505	6
Total known man-caused	5 471	60	233 781	43	5 500	61	237 852	17
Lightning	3 210	35	278 919	52	3 176	35	1 117 839	81
Unknown	416	5	24 684	5	386	4	29 155	2
Totals	9 097	100	537 384	100	9 062	100	1 384 846	100

Table 2.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	4 377	48	373	–	4 618	51	361	–
0.1 - 4.0	3 751	41	3 727	1	3 323	37	3 432	–
4.1 - 40.0	627	7	9 390	2	740	8	13 039	1
40.1 - 200	200	2	26 739	5	204	2	137 854	10
over 200	142	2	497 155	92	177	2	1 230 160	89
Totals	9 097	100	537 384	100	9 062	100	1 384 846	100

FOREST FIRE STATISTICS FOR THE PROVINCES

Table 2.3 Fire Distribution by Month

Month	1985[1]				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	2	–	1	–	15	–	64	–
February	4	–	1	–	12	–	149	–
March	83	1	530	–	62	1	951	–
April	1 100	12	4 989	1	837	9	106 132	8
May	1 728	19	112 561	21	1 805	20	256 488	19
June	1 307	14	95 217	18	1 426	16	362 127	26
July	2 495	28	280 216	52	2 045	23	259 236	19
August	1 590	18	40 215	8	2 013	22	309 695	22
September	475	5	2 072	–	515	6	75 379	5
October	219	2	691	–	217	2	12 088	1
November	49	1	304	–	60	1	2 507	–
December	5	–	9	–	10	–	30	–
Totals	9 097	100	537 384	100	9 062	100	1 384 846	100

[1]Western Region of National Parks in total only (40 fires 578 ha).
[2]Prince Edward Island included in total only (45 fires).

Table 2.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares[3]	Value lost[4]	Area burned in hectares[5]	Value lost[6]
Merchantable Timber	91 905	$50 144 080	296 279	$57 826 186
Regeneration and Immature	29 487	17 618 969	169 398	11 733 218
Cutover & Other Areas	415 407	1 212 415	402 347	1 709 298
Real and Personal Property		5 953 436		3 508 302
Totals	537 384	$74 928 900	1 384 846	$123 437 979

[3]Ontario Region and Western Region of National Parks included in total only (585 ha).
[4]Nova Scotia and National Parks not available.
[5]Saskatchewan, New Brunswick, Prince Edward Island, National Parks in total only.
[6]Alberta in total only, Saskatchewan, Nova Scotia, PEI, National Parks not available.

FOREST FIRE STATISTICS FOR THE TERRITORIES

Table 3.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	76	29	10 442	5	87	20	2 693	–
Resident	18	7	25	–	20	5	60	–
Forest Industry	2	1	–	–	2	–	1 367	–
Railroads	-	-	-	-	1	–	154	–
Other Industry	14	5	13	–	19	4	9 847	2
Incendiary	13	5	2	–	4	1	85	–
Miscellaneous	13	5	3	–	22	5	870	–
Total known man-caused	136	52	10 485	5	155	35	15 076	2
Lightning	119	46	209 390	95	272	63	694 689	95
Unknown	5	2	1	–	8	2	20 154	3
Totals	260	100	219 876	100	435	100	729 919	100

Table 3.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	88	34	2	–	108	25	11	–
0.1 - 4.0	114	44	108	–	188	43	224	–
4.1 - 40.0	16	6	484	–	49	11	1 621	–
40.1 - 200	13	5	1 595	1	26	6	2 913	–
over 200	29	11	217 687	99	64	15	725 150	100
Totals	260	100	219 876	100	435	100	729 919	100

FOREST FIRE STATISTICS FOR THE TERRITORIES

Table 3.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	1	–	–	–	-	-	-	-
April	-	-	-	-	4	1	18	–
May	27	10	10 407	5	37	9	11 024	2
June	73	28	7 262	3	132	30	253 022	35
July	108	42	202 183	92	171	39	310 109	42
August	28	11	22	–	71	16	153 117	21
September	22	9	2	–	17	4	2 627	–
October	1	-	-	-	3	1	2	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	260	100	219 876	100	435	100	729 919	100

Table 3.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1 265	$90 534	30 467	$1 418 388
Regeneration and Immature	214 887	2 119 739	39 558	3 675 882
Cutover & Other Areas	3 724	24 318	659 894	3 188 733
Real and Personal Property		1 000		14 720
Totals	219 876	$2 235 591	729 919	$8 297 723

FOREST FIRE STATISTICS FOR BRITISH COLUMBIA

Table 4.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	349	10	2 461	1	344	15	5 034	6
Resident	98	3	1 395	1	96	5	2 550	3
Forest Industry	220	6	5 240	2	138	6	3 562	5
Railroads	75	2	186	–	78	3	256	–
Other Industry	50	1	8 107	3	74	3	2 117	3
Incendiary	260	7	19 434	8	144	6	2 936	4
Miscellaneous	571	16	123 134	53	324	14	7 655	10
Total known man-caused	1 623	45	159 957	68	1 198	52	24 110	31
Lightning	1 958	54	74 669	32	1 103	48	53 002	69
Unknown	23	1	21	–	6	–	163	–
Totals	3 604	100	234 647	100	2 307	100	77 275	100

Table 4.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	2 254	68	225	–	1 555	67	143	–
0.1 - 4.0	955	26	1 023	–	566	25	577	1
4.1 - 40.0	206	6	3 116	1	123	5	1 732	2
40.1 - 200	102	3	10 261	5	40	2	3 461	5
over 200	87	2	220 022	94	23	1	71 362	92
Totals	3 604	100	234 647	100	2 307	100	77 275	100

FOREST FIRE STATISTICS FOR BRITISH COLUMBIA

Table 4.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	1	–	7	–
February	-	-	-	-	1	–	2	–
March	11	–	202	–	14	1	62	–
April	96	3	272	–	154	7	4 374	6
May	349	10	78 816	34	226	10	15 816	20
June	646	18	82 089	35	329	14	12 171	16
July	1 463	40	68 279	29	670	29	18 168	24
August	813	23	2 969	1	702	30	19 718	25
September	174	5	1 652	1	139	6	5 786	7
October	51	1	368	–	62	3	706	1
November	-	-	-	-	6	–	456	1
December	1	–	–	–	3	–	9	–
Totals	3 604	100	234 647	100	2 307	100	77 275	100

Table 4.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	41 376	$18 022 282	32 072	$5 596 417
Regeneration and Immature	12 855	9 571 094	17 708	6 138 032
Cutover & Other Areas	180 416	1 121 150	27 495	381 520
Real and Personal Property		3 880 678		1 205 756
Totals	234 647	$32 595 204	77 275	$13 321 725

FOREST FIRE STATISTICS FOR ALBERTA

Table 5.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	112	12	191	2	159	16	270	–
Resident	84	9	1 183	9	99	10	2 101	1
Forest Industry	7	1	16	–	16	2	126	–
Railroads	14	1	137	1	17	2	129	–
Other Industry	65	7	98	1	64	6	22 677	7
Incendiary	52	6	295	2	73	7	2 834	1
Miscellaneous	69	7	130	1	69	7	15 668	5
Total known man-caused	403	43	2 050	16	497	50	43 805	14
Lightning	523	56	10 858	84	466	47	260 586	86
Unknown	13	1	12	–	30	3	201	–
Totals	939	100	12 920	100	993	100	304 592	100

Table 5.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	555	59	56	–	534	54	4	–
0.1 - 4.0	313	33	363	3	319	32	393	–
4.1 - 40.0	48	5	596	5	94	9	1 403	–
40.1 - 200	17	2	1 358	10	26	3	2 258	1
over 200	6	1	10 547	82	20	2	300 534	99
Totals	939	100	12 920	100	993	100	304 592	100

FOREST FIRE STATISTICS FOR ALBERTA

Table 5.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	1	–	1	–	6	1	32	–
February	4	–	1	–	7	1	37	–
March	6	1	6	–	10	1	15	–
April	33	4	91	1	98	10	24 796	8
May	235	25	1 906	15	192	19	40 789	13
June	209	22	4 413	34	212	21	93 833	31
July	251	27	6 366	49	200	20	22 433	7
August	167	18	126	1	160	16	71 435	24
September	16	2	9	–	47	5	51 065	17
October	12	1	1	–	40	4	79	–
November	4	–	–	–	18	2	63	–
December	1	–	–	–	3	–	15	–
Totals	939	100	12 920	100	993	100	304 592	100

Table 5.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	2 894	$1 968 190	124 244	$..
Regeneration and Immature	926	18 044	81 482	..
Cutover & Other Areas	9 100	-	98 866	..
Real and Personal Property		-		..
Totals	12 920	$1 986 234	304 592	$48 660 975

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Table 6.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	119	23	6 792	6	85	15	3 879	1
Resident	85	16	916	1	91	16	2 592	1
Forest Industry	10	2	178	–	7	1	732	–
Railroads	1	–	1	–	3	1	43	–
Other Industry	6	1	89	–	11	2	3 810	1
Incendiary	56	11	196	–	43	7	5 245	1
Miscellaneous	16	3	134	–	29	5	40 354	10
Total known man-caused	293	56	8 306	7	269	47	56 655	14
Lightning	208	40	80 285	73	274	48	342 040	84
Unknown	19	4	21 537	20	29	5	8 631	2
Totals	520	100	110 128	100	572	100	407 326	100

Table 6.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	224	43	6	–	197	35	6	–
0.1 - 4.0	203	39	169	–	242	42	269	–
4.1 - 40.0	48	9	639	1	60	11	884	–
40.1 - 200	22	4	1 714	2	24	4	2 362	1
over 200	23	5	107 600	98	49	8	403 805	99
Totals	520	100	110 128	100	572	100	407 326	100

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Table 6.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	2	–	4	–
February	-	-	-	-	1	–	4	–
March	1	–	–	-	1	–	22	–
April	21	4	174	–	45	8	43 602	11
May	144	27	27 283	25	127	22	73 533	18
June	78	15	7 020	6	116	21	76 324	19
July	161	31	57 738	53	127	22	124 140	30
August	103	20	17 899	16	115	20	80 560	20
September	3	1	–	–	24	4	951	–
October	9	2	14	–	9	2	8 174	2
November	-	-	-	-	5	1	12	–
December	-	-	-	-	–	-	-	-
Totals	520	100	110 128	100	572	100	407 326	100

Table 6.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	2 550	$22 225 048	..	$..
Regeneration and Immature	6 470	7 001 654	..	..
Cutover & Other Areas	101 108	-	..	..
Real and Personal Property		123 124		..
Totals	110 128	$29 349 826	407 326	$..

FOREST FIRE STATISTICS FOR MANITOBA

Table 7.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	60	17	255	2	82	12	5 875	3
Resident	59	17	817	7	157	23	22 924	14
Forest Industry	3	1	4	–	5	1	219	–
Railroads	30	9	16	–	23	3	1 076	1
Other Industry	3	1	25	–	21	3	1 111	1
Incendiary	27	8	222	–	76	11	10 961	7
Miscellaneous	14	4	196	–	26	4	3 180	2
Total known man-caused	196	57	1 535	13	390	57	45 346	28
Lightning	135	39	9 856	83	263	39	111 850	68
Unknown	15	4	432	4	28	4	7 361	4
Totals	346	100	11 823	100	681	100	164 557	100

Table 7.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	80	23	8	–	145	21	11	–
0.1 - 4.0	197	57	208	2	328	48	429	–
4.1 - 40.0	57	17	1 852	16	141	21	5 018	3
40.1 - 200	12	3	9 755	82	51	8	123 989	76
over 200	-	-	-	-	16	2	35 110	21
Totals	346	100	11 823	100	681	100	164 557	100

FOREST FIRE STATISTICS FOR MANITOBA

Table 7.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	6	1	21	–
February	-	-	-	-	1	–	98	–
March	1	–	3	–	3	1	785	1
April	31	9	927	8	83	12	30 811	19
May	93	27	992	8	148	22	45 189	27
June	20	6	252	2	100	15	40 094	24
July	100	29	1 741	15	163	24	23 444	14
August	93	27	7 891	67	111	16	9 395	6
September	5	1	3	–	43	6	10 651	6
October	2	1	–	–	15	2	2 453	2
November	1	–	14	–	7	1	1 616	1
December	-	-	-	-	1	–	–	–
Totals	346	100	11 823	100	681	100	164 557	100

Table 7.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	2 949	$560 272	54 271	$34 398 878
Regeneration and Immature	2 418	846 335	33 947	3 109 344
Cutover & Other Areas	6 456	22 595	76 339	286 752
Real and Personal Property		30 000		13 800
Totals	11 823	$1 459 202	164 557	$37 808 774

FOREST FIRE STATISTICS FOR ONTARIO

Table 8.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	229	26	109	11	510	26	8 733	4
Resident	165	19	234	23	200	10	2 736	1
Forest Industry	31	3	147	15	26	1	16 577	7
Railroads	122	14	121	12	202	10	2 645	1
Other Industry	29	3	55	5	31	2	439	–
Incendiary	27	3	68	7	46	2	221	–
Miscellaneous	93	10	97	10	203	10	15 098	7
Total known man-caused	696	78	831	83	1 218	61	46 449	20
Lightning	169	19	121	12	741	37	179 103	76
Unknown	22	3	55	5	41	2	10 081	4
Totals	887	100	1 007	100	2 000	100	235 633	100

Table 8.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	467	53	47	5	963	48	56	–
0.1 - 4.0	382	43	338	33	845	42	769	–
4.1 - 40.0	35	4	485	48	122	6	1 689	1
40.1 - 200	3	–	137	14	31	2	3 109	1
over 200	-	-	-	-	39	2	230 010	98
Totals	887	100	1 007	100	2 000	100	235 633	100

FOREST FIRE STATISTICS FOR ONTARIO

Table 8.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	10	1	11	1	12	1	32	–
April	112	13	198	20	214	11	1 840	–
May	225	25	333	33	391	19	72 797	31
June	130	15	140	14	260	13	78 861	33
July	231	26	151	15	478	24	32 824	14
August	1 124	13	58	6	466	23	42 268	18
September	49	5	19	2	134	7	6 159	3
October	8	1	45	4	37	2	570	–
November	7	1	52	5	5	–	282	–
December	1	–	–	–	3	–	–	–
Totals	887	100	1 007	100	2 000	100	235 633	100

Table 8.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	50	$28 704	56 896	$11 346 254
Regeneration and Immature	77	40 848	25 781	2 095 511
Cutover & Other Areas	880	-	152 956	-
Real and Personal Property		319 329		517 768
Totals	1 007	$388 881	235 633	$13 959 533

FOREST FIRE STATISTICS FOR QUÉBEC[1]

Table 9.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	342	39	1 320	49	407	35	1 878	5
Resident	229	26	342	13	199	17	807	2
Forest Industry	64	7	614	23	80	7	2 747	7
Railroads	14	2	18	1	39	3	121	–
Other Industry	101	12	166	6	138	12	2 089	6
Incendiary	39	4	93	3	70	6	389	1
Miscellaneous	1	–	1	–	15	1	792	2
Total known man-caused	790	90	2 554	95	948	81	8 823	23
Lightning	90	10	143	5	217	19	29 308	77
Unknown	-	-	-	-	-	-	-	-
Totals	880	100	2 697	100	1 165	100	38 131	100

[1]Figures reported do not include Limited Protection Zone.

Table 9.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	491	56	10	–	633	54	23	–
0.1 - 4.0	329	37	386	14	394	34	442	1
4.1 - 40.0	51	6	646	24	113	10	1 257	3
40.1 - 200	7	1	620	23	15	1	1 385	4
over 200	2	–	1 035	39	10	1	35 024	92
Totals	880	100	2 697	100	1 165	100	38 131	100

FOREST FIRE STATISTICS FOR QUÉBEC [1]

Table 9.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	51	6	220	8	62	5	206	1
May	346	30	1 703	63	367	32	3 444	9
June	84	10	110	4	171	15	30 272	79
July	95	11	235	9	214	18	3 426	9
August	156	18	62	2	259	22	461	1
September	100	11	138	5	56	5	220	1
October	27	3	30	1	26	2	43	–
November	21	2	199	8	10	1	53	–
December	-	-	-	-	–	–	6	–
Totals	880	100	2 697	100	1 165	100	38 131	100

[1]Figures reported do not include Limited Protection Zone.

Table 9.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1 073	$97 038	22 563	$2 666 946
Regeneration and Immature	879	46 521	8 260	206 834
Cutover & Other Areas	745	43 604	7 308	953 920
Real and Personal Property		78 925		282 887
Totals	2 697	$266 088	38 131	$4 110 587

FOREST FIRE STATISTICS FOR NEW BRUNSWICK

Table 10.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	75	9	368	9	32	7	80	3
Resident	362	42	1 371	33	48	10	239	10
Forest Industry	31	4	63	2	21	4	762	31
Railroads	42	5	167	4	22	5	33	1
Other Industry	13	1	90	2	11	2	132	5
Incendiary	86	10	999	24	36	8	424	17
Miscellaneous	170	20	348	8	199	43	440	18
Total known man-caused	779	91	3 406	82	369	79	2 110	85
Lightning	15	2	2	–	32	7	67	3
Unknown	57	7	736	18	65	14	301	12
Totals	851	100	4 144	100	466	100	2 478	100

Table 10.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	-	-	-	-	227	49	11	–
0.1 - 4.0	749	88	560	13	202	44	177	7
4.1 - 40.0	84	10	988	24	29	6	373	15
40.1 - 200	14	2	1 159	28	6	1	442	18
over 200	4	–	1 437	35	2	–	1 475	60
Totals	851	100	4 144	100	466	100	2 478	100

FOREST FIRE STATISTICS FOR NEW BRUNSWICK

Table 10.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	1	–	–	–	-	-	-	-
February	-	-	-	-	-	-	-	-
March	7	1	22	1	1	–	-	-
April	373	44	2 391	58	32	7	65	3
May	155	18	1 049	25	140	30	1 292	52
June	31	4	291	7	89	19	615	25
July	66	8	44	–	76	16	125	5
August	62	7	13	–	83	18	241	10
September	77	9	143	4	27	6	82	3
October	71	8	185	5	15	3	48	2
November	8	1	6	–	3	1	10	–
December	-	-	-	-	-	-	-	-
Totals	851	100	4 144	100	466	100	2 478	100

Table 10.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	560	$300 828	..	$380 765
Regeneration and Immature	741	51 573	..	49 768
Cutover & Other Areas	2 843	25 066	..	56 079
Real and Personal Property		1 344 680		1 488 091
Totals	4 144	$1 722 147	2 478	$1 974 703

FOREST FIRE STATISTICS FOR PRINCE EDWARD ISLAND

Table 11.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	2	4	1	1	–	–	2	1
Resident	-	-	-	-	2	5	8	4
Forest Industry	7	13	6	3	2	5	4	2
Railroads	-	-	-	-	1	1	-	-
Other Industry	12	23	16	9	2	5	25	14
Incendiary	17	33	39	21	12	27	94	52
Miscellaneous	-	-	-	-	13	29	6	3
Total known man-caused	38	73	62	34	32	72	139	76
Lightning	-	-	-	-	-	-	-	-
Unknown	14	27	119	66	13	28	44	24
Totals	52	100	181	100	45	100	183	100

Table 11.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	12	23	–	–	16	35	14	7
0.1 - 4.0	32	62	50	27	20	45	24	13
4.1 - 40.0	7	13	61	34	7	16	61	33
40.1 - 200	1	2	70	39	1	2	52	29
over 200	-	-	-	-	1	2	32	18
Totals	52	100	181	100	45	100	183	100

FOREST FIRE STATISTICS FOR PRINCE EDWARD ISLAND

Table 11.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	..	..	-	-
February	-	-	-	-	..	..	-	-
March	-	-	-	-	..	..	3	2
April	11	21	52	29	..	..	53	29
May	18	35	115	63	..	..	91	50
June	-	-	-	-	..	..	5	3
July	5	10	1	1	..	..	22	12
August	7	13	6	3	..	..	3	2
September	7	13	4	2	..	..	4	2
October	4	8	3	2	..	..	1	–
November	-	-	-	-	..	..	1	–
December	-	-	-	-	..	..	-	-
Totals	52	100	181	100	45	100	183	100

Table 11.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1	$400	..	$..
Regeneration and Immature	3	2 900	..	..
Cutover & Other Areas	177	-	..	..
Real and Personal Property		1 700		..
Totals	181	$5 000	183	$..

FOREST FIRE STATISTICS FOR NOVA SCOTIA

Table 12.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	9	2	8	1	36	7	45	2
Resident	-	-	-	-	47	9	39	2
Forest Industry	88	15	170	16	20	3	18	1
Railroads	14	2	6	–	34	6	29	1
Other Industry	8	1	9	1	33	6	36	1
Incendiary	151	26	515	48	101	18	371	14
Miscellaneous	125	22	87	8	174	31	401	15
Total known man-caused	395	68	795	74	445	80	939	36
Lightning	1	–	–	–	4	1	4	–
Unknown	187	32	282	26	105	19	1 658	64
Totals	583	100	1 077	100	554	100	2 601	100

Table 12.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	169	29	7	1	240	43	8	–
0.1 - 4.0	351	60	280	26	286	52	226	9
4.1 - 40.0	59	10	567	52	25	5	275	11
40.1 - 200	4	1	223	21	2	–	163	6
over 200	-	-	-	-	1	–	1 929	74
Totals	583	100	1 077	100	554	100	2 601	100

FOREST FIRE STATISTICS FOR NOVA SCOTIA

Table 12.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	2	–	8	–
March	47	8	286	26	21	4	32	1
April	315	54	509	47	139	25	238	9
May	113	19	179	17	153	27	325	13
June	12	2	4	–	72	13	1 742	67
July	25	4	6	1	54	10	185	7
August	26	5	7	1	65	12	29	1
September	24	4	34	3	33	6	18	1
October	14	3	19	2	10	2	10	1
November	7	1	33	3	5	1	14	1
December	-	-	-	-	–	–	–	–
Totals	583	100	1 077	100	554	100	2 601	100

Table 12.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	95	$..	1 301	$..
Regeneration and Immature	912	..	124	..
Cutover & Other Areas	891	..	1 176	..
Real and Personal Property		..		..
Totals	1 077	$..	2 601	$..

FOREST FIRE STATISTICS FOR NEWFOUNDLAND

Table 13.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	39	14	29 790	19	25	14	3 135	7
Resident	36	13	12	–	21	12	189	–
Forest Industry	7	2	770	1	9	5	1 409	3
Railroads	4	1	7	–	14	8	216	1
Other Industry	60	21	65	–	1	1	429	1
Incendiary	4	1	1	–	3	1	14	–
Miscellaneous	18	6	23 322	15	28	16	1 854	4
Total known man-caused	168	58	53 967	35	101	57	7 246	16
Lightning	56	19	97 801	64	14	8	37 369	83
Unknown	65	23	1 347	1	61	35	620	1
Totals	289	100	153 155	100	176	100	45 235	100

Table 13.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	108	37	4	–	72	41	82	–
0.1 - 4.0	132	46	85	–	73	42	79	–
4.1 - 40.0	17	6	180	–	18	10	248	1
40.1 - 200	13	4	1 004	1	5	3	367	1
over 200	19	7	151 842	99	8	4	44 459	98
Totals	289	100	153 115	100	176	100	45 235	100

FOREST FIRE STATISTICS FOR NEWFOUNDLAND

Table 13.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	–	–	–	–
February	-	-	-	-	–	–	–	–
March	-	-	-	-	–	–	–	–
April	-	-	-	-	6	3	8	–
May	37	13	26	–	48	28	769	2
June	82	29	868	1	46	26	7 739	17
July	81	28	140 934	92	39	22	20 135	44
August	47	16	11 184	7	26	15	16 145	36
September	20	7	70	–	10	5	436	1
October	20	7	26	–	1	1	3	–
November	1	–	–	–	-	-	-	-
December	1	–	7	–	-	-	-	-
Totals	289	100	153 115	100	176	100	45 235	100

Table 13.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	40 357	$6 941 318	4 932	$3 436 926
Regeneration and Immature	100	40 000	2 096	133 729
Cutover & Other Areas	112 658	-	38 207	31 027
Real and Personal Property		175 000		-
Totals	153 115	$7 156 318	45 235	$3 601 682

FOREST FIRE STATISTICS FOR THE YUKON TERRITORY

Table 14.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	39	35	10 406	69	32	23	122	–
Resident	13	12	23	–	6	5	37	–
Forest Industry	2	2	–	–	2	1	1 367	2
Railroads	-	-	-	-	–	–	1	–
Other Industry	14	13	13	–	8	6	28	–
Incendiary	2	2	–	–	3	2	85	–
Miscellaneous	6	5	–	–	11	8	272	–
Total known man-caused	76	69	10 442	69	62	45	1 912	2
Lightning	32	29	4 689	31	73	53	86 395	94
Unknown	2	2	–	–	3	2	3 818	4
Totals	110	100	15 131	100	138	100	92 125	100

Table 14.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	60	55	1	–	51	37	1	–
0.1 - 4.0	27	25	27	–	47	34	56	–
4.1 - 40.0	6	5	116	1	16	12	1 080	1
40.1 - 200	10	9	1 115	7	10	7	1 300	2
over 200	7	6	13 872	92	14	10	89 688	97
Totals	110	100	15 131	100	138	100	92 125	100

FOREST FIRE STATISTICS FOR THE YUKON TERRITORY

Table 14.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	1	1	–	–	–	–	–	–
April	-	-	-	-	2	2	11	–
May	15	13	10 399	69	16	11	7 171	8
June	47	43	4 382	29	46	33	18 260	20
July	25	23	346	2	47	34	38 452	42
August	13	12	4	–	21	15	27 890	30
September	8	7	–	–	5	4	341	–
October	1	1	–	–	1	1	–	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	110	100	15 131	100	138	100	92 125	100

Table 14.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1 259	$90 074	20 998	$738 240
Regeneration and Immature	10 148	1 096 044	12 749	1 274 062
Cutover & Other Areas	3 724	24 318	58 378	286 324
Real and Personal Property		1 000		-
Totals	15 131	$1 211 436	92 125	$2 298 626

FOREST FIRE STATISTICS FOR THE NORTHWEST TERRITORIES

Table 15.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	37	25	36	–	55	18	2 571	–
Resident	5	3	2	–	14	5	23	–
Forest Industry	-	-	-	-	–	–	–	–
Railroads	-	-	-	-	1	–	153	–
Other Industry	-	-	-	-	11	4	9 819	2
Incendiary	11	7	2	–	1	–	–	–
Miscellaneous	7	5	3	–	11	4	598	–
Total known man-caused	60	40	43	–	93	31	13 164	2
Lightning	87	58	204 701	100	199	67	608 294	95
Unknown	3	2	1	–	5	2	16 336	3
Totals	150	100	204 745	100	297	100	637 794	100

Table 15.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	28	18	1	–	57	19	10	–
0.1 - 4.0	87	58	81	–	141	48	168	–
4.1 - 40.0	10	7	368	–	33	11	541	–
40.1 - 200	3	2	480	–	16	5	1 613	–
over 200	22	15	203 815	100	50	17	635 462	100
Totals	150	100	204 745	100	297	100	637 794	100

FOREST FIRE STATISTICS FOR THE NORTHWEST TERRITORIES

Table 15.3 Fire Distribution by Month

Month	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	–	–	–	–
March	-	-	-	-	–	–	–	–
April	-	-	-	-	2	–	7	–
May	12	8	8	–	21	7	3 853	1
June	26	17	2 880	1	86	29	234 762	37
July	83	56	201 837	99	124	41	271 657	42
August	15	10	18	–	50	17	125 227	20
September	14	9	2	–	12	4	2 286	–
October	-	-	-	-	2	1	2	–
November	-	-	-	-	–	–	–	–
December	-	-	-	-	-	-	-	-
Totals	150	100	204 745	100	297	100	637 794	100

Table 15.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	6	$460	9 469	$680 148
Regeneration and Immature	204 739	1 023 695	26 809	2 401 820
Cutover & Other Areas	-	-	601 516	2 902 409
Real and Personal Property		-		14 720
Totals	204 745	$1 024 155	637 794	$5 999 097

FOREST FIRE STATISTICS FOR THE NATIONAL PARKS

Table 16.1 Fire Distribution by Cause

Cause Class	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	10	7	1	–	13	13	4	–
Resident	6	4	143	3	2	2	2 154	2
Forest Industry	-	-	-	-	–	–	–	–
Railroads	3	2	3	–	3	3	5	–
Other Industry	3	2	2	–	1	1	2	–
Incendiary	68	46	169	3	4	4	8	–
Miscellaneous	-	-	-	-	10	9	57	–
Total known man-caused	90	61	318	6	33	32	2 230	2
Lightning	55	38	5 327	94	62	60	104 510	98
Unknown	1	1	–	–	8	8	95	–
Totals	146	100	5 645	100	103	100	106 835	100

Table 16.2 Fire Distribution by Size Class

Size Class (hectares)	1985				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	17	12	10	–	36	36	3	–
0.1 - 4.0	108	74	265	5	48	47	47	–
4.1 - 40.0	15	10	260	4	8	7	99	–
40.1 - 200	5	3	438	8	3	3	266	–
over 200	1	1	4 672	83	8	7	106 420	100
Totals	146	100	5 645	100	103	100	106 835	100

FOREST FIRE STATISTICS FOR THE NATIONAL PARKS

Table 16.3 Fire Distribution by Month

Month	1985[1]				Annual Average 1975-84			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	–	–	–	–
March	-	-	-	-	-	-	-	-
April	57	39	155	3	4	4	139	–
May	13	9	159	3	13	13	2 443	2
June	15	10	30	1	31	30	20 471	19
July	17	12	4 721	84	24	23	14 334	14
August	2	1	–	–	26	25	69 440	65
September	-	-	-	-	2	2	7	–
October	1	1	–	–	2	2	1	–
November	-	-	-	-	1	1	–	–
December	1	1	2	–	-	-	-	-
Totals	146	100	5 645	100	103	100	106 835	100

[1]Western Region included in total only (40 fires, 578 ha).

Table 16.4 Fire Losses

	1985		Annual Average 1975-84	
	Area burned in hectares[2]	Value lost	Area burned in hectares	Value lost
Merchantable Timber	-	$..	..	$..
Regeneration and Immature	4 927	..	..	..
Cutover & Other Areas	133	..	..	..
Real and Personal Property		..		..
Totals	5 645	$..	106 835	$..

[2]Ontario Region and Western Region included in total only.

Forest Fire Statistics/
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FOREST FIRE STATISTICS FOR CANADA

Table 1.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	1220	17	21 775	2	1663	18	34 608	2
Resident	1179	17	43 852	5	1003	11	35 124	2
Forest Industry	380	5	30945	3	339	4	26 634	1
Railroads	296	4	5527	1	405	4	4405	–
Other Industry	550	8	4744	–	399	4	43 476	2
Incendiary	651	9	4837	–	637	7	25 106	1
Miscellaneous	381	5	6908	1	1091	12	100 466	5
Total known man-caused	4657	65	118 588	12	5537	60	269 819	13
Lightning	2111	30	664 876	70	3405	36	1 773 701	85
Unknown	319	5	166 659	18	384	4	43 795	2
Totals	7087	100	950 123	100	9326	100	1 087 315	100

Table 1.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	3531	49	334	–				
0.11-1	1705	24	807	–				
1.1-10	1202	17	3944	–				
10.1-100	427	6	12 983	2	N/A		N/A	
100.1-1000	142	2	48 989	5				
1000.1-10000	57	1	199 531	21				
10000.1-100000	23	1	683 535	72				
Over 100000	-	-	-	-				
Totals	7087	100	950 123	100	9326	100	1 087 315	100

FOREST FIRE STATISTICS FOR CANADA

Table 1.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires[1]	%	Area burned in hectares	%
January	9	–	48	–	14	–	64	–
February	4	–	1	–	12	–	149	–
March	64	1	75	–	66	1	1000	–
April	995	14	5775	1	920	10	106 541	5
May	1708	24	475 505	50	1797	19	278 053	13
June	1380	20	310 998	33	1579	17	596 793	29
July	1006	14	139 793	15	2083	22	565 852	27
August	1288	18	12 951	1	2011	22	447 416	21
September	419	6	2363	–	522	6	77 431	4
October	193	3	2549	–	212	2	11 555	1
November	17	–	51	–	57	1	2436	–
December	4	–	14	–	7	–	25	–
Totals	7087	100	950 123	100	9326	100	2 087 315	100

[1]Prince Edward Island (46 fires) included in total only.

Table 1.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned[2] in hectares	Value lost[3]	Area burned[4] in hectares	Value lost[5]
Merchantable Timber	211 738	$..	326 008	$..
Regeneration and Immature	96 869	..	221 000	..
Cutover & Other Areas	638 853	..	1 021 279	..
Real and Personal Property		2 886 497		4 448 762
Totals	950 123	$2 886 497	2 087 315	$4 448 762

[2]National Parks (2663 ha) included in total only.
[3]Value lost. Only real and personal property reported. Alberta, Nova Scotia and Newfoundland not available.
[4]Saskatchewan (408 834 ha), New Brunswick (2618 ha), Prince Edward Island (190 ha) and National Parks (107 386 ha) included in total only.
[5]Value lsot. Only real and personal property reported. Alberta, Saskatchewan, Nova Scotia, Prince Edward Island and National Parks not available.

Table 1.5 Fire Control Expenditure[1] - 1986

Jurisdiction	Budgeted cost	Fire fighting cost	Fatalities
British Columbia	S..	$21 539 000	-
Alberta	18 017 000	13 284 000	-
Saskatchewan	11 645 000	11 645 000	-
Manitoba	8 200 000	1 234 000	-
Ontario	31 000 000	16 500 000	-
Québec	25 753 000	5 192 000	5
New Brunswick	500 000	9 000 000	-
Prince Edward Island	49 000	92 000	-
Nova Scotia	..	276 000	-
Newfoundland	1 801 000	4 372 000	-
Yukon Territory	3 300 000	3 700 000	-
Northwest Territories	5 815 000	13 180 000	-
National Parks	2 731 000	2 294 000	-
Other Federal Lands	-	-	-
Totals	$108 811 000	$102 308 000	5

[1]Figures rounded to nearest thousand dollars; interagency comparisons should not be made; data from previous years not sufficiently complete for annual averages.

FOREST FIRE STATISTICS FOR THE PROVINCES

Table 2.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	1181	18	21 744	4	1572	18	30 909	2
Resident	1170	18	43 849	8	982	11	35 098	3
Forest Industry	376	6	30 945	6	337	4	25 267	2
Railroads	296	4	5527	1	404	5	4252	–
Other Industry	541	8	4721	1	379	4	33 655	2
Incendiary	650	10	4637	1	633	7	25 021	21
Miscellaneous	362	5	6908	1	1071	12	99 611	7
Total known man-caused	4576	69	118 331	22	5378	61	253 813	18
Lightning	1786	27	262 333	49	3142	35	1 117 235	80
Unknown	302	4	157 181	29	377	4	31 265	2
Totals	6664	100	537 845	100	8897	100	1 402 313	100

Table 2.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	3406	51	330	–				
0.11-1	1603	24	754	–				
1.1-10	1130	16	3624	1				
10.1-100	376	6	11 040	2	N/A		N/A	
100.1-1000	101	2	31 734	6				
1000.1-10000	32	1	95 703	18				
10000.1-100000	16	–	394 660	73				
Over 100000	-	-	-	-				
Totals	6664	100	537 845	100	8897	100	1 402 313	100

FOREST FIRE STATISTICS FOR THE PROVINCES

Table 2.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85[1]			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	9	–	48	–	14	–	64	–
February	4	–	1	–	12	–	149	–
March	64	1	75	–	66	1	1000	–
April	994	15	5774	1	916	10	106 523	8
May	1698	26	474 380	88	1761	20	266 033	19
June	1207	18	21 600	4	1439	16	368 506	26
July	804	12	21 455	4	1925	22	273 858	20
August	1260	19	9545	2	1939	22	297 362	21
September	411	6	2354	–	505	6	74 804	5
October	193	3	2549	1	210	2	11 553	1
November	16	–	50	–	57	1	2436	–
December	4	–	14	–	7	–	25	–
Totals	6664	100	537 845	100	8897	100	1 402 313	100

[1]Prince Edward Island (46 fires) included in total only.

Table 2.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned[2] in hectares	Value lost[3]	Area burned[4] in hectares	Value lost[5]
Merchantable Timber	210 6894	$..	..	$..
Regeneration and Immature	94 780	..	..	..
Cutover & Other Areas	229 718	..	..	..
Real and Personal Property		2 878 697		..
Totals	537 845	$2 878 697		$..

[2]National Parks (2663 ha) included in total only.
[3]Value lost. Only real and personal property reported. Alberta, Nova Scotia and Newfoundland not available.
[4]Saskatchewan (408 834 ha), New Brunswick (2618 ha), Prince Edward Island (190 ha) and National Parks (107 386 ha) included in total only.
[5]Value lsot. Only real and personal property reported. Alberta, Saskatchewan, Nova Scotia, Prince Edward Island and National Parks not available.

FOREST FIRE STATISTICS FOR THE TERRITORIES

Table 3.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	39	9	31	–	91	21	3699	1
Resident	9	2	3	–	21	5	26	–
Forest Industry	4	1	–	–	2	–	1367	–
Railroads	-	-	-	-	1	–	153	–
Other Industry	9	2	23	–	20	5	9821	1
Incendiary	1		200	–	4	1	85	–
Miscellaneous	19	5	–	–	20	5	855	–
Total known man-caused	81	19	257	–	159	37	16 006	2
Lightning	325	77	402 543	98	263	61	656 466	96
Unknown	17	4	9478	2	7	2	12 530	2
Totals	423	100	412 278	100	429	100	685 002	100

Table 3.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	125	29	4					
0.11-1	102	24	53					
1.1-10	72	17	320					
10.1-100	51	12	1943		N/A		N/A	
100.1-1000	41	10	17 255	1				
1000.1-10000	25	6	103 828	10				
10000.1-100000	7	2	288 875	66				
Over 100000								
Totals	423	100	412 278	100	429	100	685 002	100

FOREST FIRE STATISTICS FOR THE TERRITORIES

Table 3.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	1	–	1	–	4	1	18	–
May	10	2	1125		36	8	12 020	2
June	173	41	289 398	70	140	33	228 287	33
July	202	48	118 338	29	158	37	291 994	43
August	28	7	3406	1	72	17	150 054	22
September	8	2	9		17	4	2627	
October	-	-	-	-	2	–	2	–
November	1	–	1	–	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	423	100	412 278	100	429	100	685 002	100

Table 3.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1054	$..	23 341	$..
Regeneration and Immature	2089	..	52 969	..
Cutover & Other Areas	409 135	..	608 692	..
Real and Personal Property		7800		14 820
Totals	412 278	$7800	685 002	$14 820

FOREST FIRE STATISTICS FOR BRITISH COLUMBIA

Table 4.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	289	13	842	5	337	14	4899	5
Resident	116	5	191	1	92	4	1889	2
Forest Industry	230	10	6038	36	149	6	3889	4
Railroads	60	3	100	1	74	3	225	–
Other Industry	393	18	2001	12	74	3	2920	3
Incendiary	142	7	1696	10	160	7	4834	5
Miscellaneous	38	2	407	2	348	15	19 913	20
Total known man-caused	1268	58	11 275	67	1234	52	38 569	39
Lightning	917	42	5629	33	1156	48	59 587	61
Unknown	9	–	23	–	6	–	157	–
Totals	2194	100	16 927	100	2396	100	98 313	100

Table 4.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	1424	65	142	1				
0.11-1	372	17	168	1				
1.1-10	253	12	949	6				
10.1-100	116	5	3744	22	N/A		N/A	
100.1-1000	27	1	7521	44				
1000.1-10000	2	–	4403	26				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	2194	100	16 927	100	2396	100	98 313	100

FOREST FIRE STATISTICS FOR BRITISH COLUMBIA

Table 4.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	1	–	7	–
February	1	–	–	–	1	–	2	–
March	9	–	8	–	14	1	80	–
April	105	5	501	3	155	6	4372	4
May	203	9	1260	7	236	10	23 256	24
June	422	19	3661	22	368	15	20 156	21
July	251	12	1873	11	660	28	24 030	24
August	813	37	5026	30	759	32	19 988	20
September	279	13	2308	14	134	6	5425	5
October	111	5	2290	13	60	2	532	1
November	-	-	-	-	5	–	456	1
December	-	-	-	-	3	–	9	–
Totals	2194	100	16 927	100	2396	100	98 313	100

Table 4.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	7995	$..	35 632	$..
Regeneration and Immature	1479	..	18 718	..
Cutover & Other Areas	7453	..	43 963	..
Real and Personal Property		1 031 838		1 591 586
Totals	16 927	$1 031 838	98 313	$1 591 586

FOREST FIRE STATISTICS FOR ALBERTA

Table 5.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	110	19	98	4	151	15	282	–
Resident	68	12	213	8	99	10	2167	1
Forest Industry	13	2	54	2	14	1	125	–
Railroads	6	1	42	2	17	2	138	–
Other Industry	35	6	167	6	67	6	22 682	7
Incendiary	41	7	82	3	73	7	2789	1
Miscellaneous	50	9	52	2	69	7	15 671	5
Total known man-caused	323	56	708	27	490	48	43 854	14
Lightning	260	44	1979	73	498	49	261 266	86
Unknown	2	–	5	–	29	3	185	–
Totals	585	100	2692	100	1017	100	305 305	100

Table 5.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	315	54	31	1				
0.11-1	151	26	81	3				
1.1-10	86	14	257	10				
10.1-100	28	5	708	26	N/A		N/A	
100.1-1000	5	1	1615	60				
1000.1-10000	-	-	-	-				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	585	100	2692	100	1017	100	305 305	100

FOREST FIRE STATISTICS FOR ALBERTA

Table 5.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	9	1	48	2	5	–	32	–
February	3	1	1	–	7	1	37	–
March	11	2	5	–	8	1	15	–
April	26	4	90	3	99	10	24 801	8
May	128	22	1207	45	199	20	40 801	8
June	151	26	756	28	222	22	94 239	31
July	68	12	66	3	207	20	22 700	7
August	107	18	377	14	172	17	71 440	24
September	25	4	6	–	43	4	51 055	17
October	42	7	99	4	37	4	66	–
November	12	2	33	1	15	1	55	–
December	3	1	4	–	3	–	15	–
Totals	585	100	2692	100	1017	100	305 305	100

Table 5.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1317	$..	124 477	$..
Regeneration and Immature	270	..	81 215	..
Cutover & Other Areas	1105	..	99 613	..
Real and Personal Property		..		..
Totals	2692	$..	305 305	$..

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Table 6.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	140	29	174	1	92	15	4543	1
Resident	95	19	54359	41	98	16	2304	1
Forest Industry	10	2	71	1	8	1	746	–
Railroads	3	1	25	–	3	1	43	–
Other Industry	1	–	10	–	10	2	3818	1
Incendiary	70	14	83	1	45	8	5262	1
Miscellaneous	20	4	9	–	30	5	40 367	10
Total known man-caused	339	69	5831	44	286	48	57 083	14
Lightning	128	26	7323	56	279	47	340 971	83
Unknown	26	5	5	–	30	5	10 780	3
Totals	493	100	13 159	100	595	100	408 834	100

Table 6.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	282	57	13	–				
0.11-1	103	21	60	–				
1.1-10	53	11	305	2				
10.1-100	39	8	1290	10	N/A		N/A	
100.1-1000	13	2	3374	26				
1000.1-10000	3	1	8117	62				
10000.1-100000	-		-	-				
Over 100000	-		-	-				
Totals	493	100	13 159	100	595	100	408 834	100

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Table 6.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	2	–	4	–
February	-	-	-	-	1	–	4	–
March	-	-	-	-	1	–	22	–
April	22	4	3274	25	47	8	43 619	11
May	121	25	7023	53	137	23	76 147	19
June	175	36	1386	11	117	20	75 984	18
July	45	9	85	1	129	22	121 568	30
August	76	15	1364	10	123	20	82 349	20
September	39	8	12	–	23	4	950	–
October	14	3	14	–	10	2	8175	2
November	1	–	1	–	5	1	12	–
December	-	-	-	-	–	–	-	-
Totals	493	100	13 159	100	595	100	408 834	100

Table 6.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	894	$..	..	$..
Regeneration and Immature	3137	..	..	..
Cutover & Other Areas	9128	..	..	..
Real and Personal Property		199 815		..
Totals	13 159	$199 815	408 834	$..

FOREST FIRE STATISTICS FOR MANITOBA

Table 7.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	53	24	264	3	82	12	5845	4
Resident	61	28	6045	58	152	22	22 702	14
Forest Industry	4	2	8	–	5	1	220	–
Railroads	2	1	5	–	25	4	1071	1
Other Industry	3	1	37	–	21	3	1114	1
Incendiary	4	2	58	1	76	11	10 745	6
Miscellaneous	13	6	56		27	4	3196	2
Total known man-caused	140	64	6473	63	388	57	44 893	28
Lightning	73	34	3828	37	263	39	111 136	68
Unknown	4	2	41	–	29	4	7376	4
Totals	217	100	10 342	100	680	100	163 405	100

Table 7.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	-	-	-	-				
0.11-1	64	30	6	–				
1.1-10	124	57	131	1				
10.1-100	20	9	363	4	N/A		N/A	
100.1-1000	4	2	426	4				
1000.1-10000	1	–	395	4				
10000.1-100000	4	21	9021	87				
Over 100000	-	-	-	-				
Totals	217	19	10 342	100	680	100	163 405	100

FOREST FIRE STATISTICS FOR MANITOBA

Table 7.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	6	1	21	–
February	-	-	-	-	1	–	98	–
March	-	-	-	-	3	1	785	1
April	2	1	4	–	85	13	30 898	19
May	49	23	3120	30	148	22	4 755	27
June	76	35	6993	68	98	14	39 120	24
July	48	22	57	1	158	23	22 940	14
August	31	14	35	–	117	17	10 177	6
September	9	4	3	–	42	6	10 650	7
October	2	1	130	1	15	2	2385	1
November	-	-	-	-	6	1	1576	1
December	-	-	-	-	1	–	–	–
Totals	217	100	10 342	100	680	100	163 405	100

Table 7.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	4815	$..	54 338	$..
Regeneration and Immature	539	..	33 886	..
Cutover & Other Areas	4988	..	75 181	..
Real and Personal Property		-		16 800
Totals	10 342	$..	163 405	$16 800

FOREST FIRE STATISTICS FOR ONTARIO

Table 8.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	244	23	2608	2	436	25	8443	4
Resident	202	19	328	–	188	11	2691	1
Forest Industry	26	2	425	–	25	1	16 502	7
Railroads	128	12	1609	1	186	10	2388	1
Other Industry	23	2	712	1	29	2	422	–
Incendiary	37	3	67	–	45	2	201	–
Miscellaneous	146	13	368	–	177	10	14 752	6
Total known man-caused	806	74	6117	4	1086	61	45 399	19
Lightning	242	22	40 100	28	653	37	178 631	77
Unknown	40	4	99 334	68	35	2	10 018	4
Totals	1088	100	145 561	100	1774	100	234 048	100

Table 8.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	522	48	52	–				
0.11-1	326	30	159	–				
1.1-10	174	16	587	–				
10.1-100	40	4	1207	1	N/A		N/A	
100.1-1000	18	2	6616	5				
1000.1-10000	5	–	14 182	10				
10000.1-100000	3	–	122 758	84				
Over 100000	-	-	-	-				
Totals	1088	100	145 561	100	1774	100	234 048	100

FOREST FIRE STATISTICS FOR ONTARIO

Table 8.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	15	1	21	–	13	1	33	–
April	246	23	625	–	214	12	1801	1
May	276	25	133 871	92	346	20	72 411	31
June	161	15	6844	5	255	14	78 814	33
July	194	18	2398	2	411	23	32 501	14
August	152	14	1771	1	375	21	41 823	18
September	35	3	16	–	129	7	6128	3
October	7	1	5	–	27	2	272	–
November	2	–	10	–	4	–	265	–
December	-	-	-	-	–	–	–	–
Totals	1088	100	145 561	100	1774	100	234 048	100

Table 8.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	47 267	$..	56 791	$..
Regeneration and Immature	3331	..	25 513	..
Cutover & Other Areas	94 963	..	151 744	..
Real and Personal Property		525 234		517 915
Totals	145 561	$525 234	234 048	$517 915

FOREST FIRE STATISTICS FOR QUÉBEC (Zones 1 & 2)

Table 9.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	272	32	882	1	366	35	1847	5
Resident	257	30	365	–	196	19	584	2
Forest Industry	45	5	280	–	76	7	1881	5
Railroads	49	6	117	–	35	3	106	–
Other Industry	48	5	169	–	132	12	2065	6
Incendiary	66	8	206	–	61	6	251	1
Miscellaneous	6	1	–	–	13	1	791	2
Total known man-caused	743	87	2019	1	879	83	7525	21
Lightning	108	13	195 207	99	177	17	29 164	79
Unknown	-	-	-	-	-	-	-	-
Totals	851	100	197 226	100	1056	100	36 689	100

Table 9.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	381	45	11	–				
0.11-1	219	26	105	–				
1.1-10	179	21	647	–				
10.1-100	46	5	1279	1	N/A		N/A	
100.1-1000	13	1	4055	2				
1000.1-10000	8	1	38 106	19				
10000.1-100000	5	1	153 023	78				
Over 100000	-	-	-	-				
Totals	851	100	197 226	100	1056	100	36 689	100

FOREST FIRE STATISTICS FOR QUÉBEC (Zones 1 & 2)

Table 9.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	264	31	744	–	65	6	228	1
May	344	41	186 292	95	345	33	3611	10
June	95	11	476	–	159	14	29 735	81
July	91	11	9357	5	183	18	2518	7
August	37	4	352	–	209	20	377	1
September	9	1	1	–	59	6	130	–
October	11	1	4	–	25	2	44	–
November	-	-	-	-	11	1	46	–
December	-	-	-	-	-	-	-	-
Totals	851	100	197 226	100	1056	100	36 689	100

Table 9.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	91 910	$..	22 255	$..
Regeneration and Immature	81 386	..	8041	..
Cutover & Other Areas	23 930	..	6393	..
Real and Personal Property		86 535		700 980
Totals	197 226	$86 535	36 689	$700 980

FOREST FIRE STATISTICS FOR NEW BRUNSWICK

Table 10.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	34	10	463	1	36	7	113	4
Resident	126	36	29 584	76	82	17	372	14
Forest Industry	13	4	385	1	21	4	720	28
Railroads	19	5	2004	5	23	5	49	2
Other Industry	9	2	1507	4	12	2	140	5
Incendiary	51	14	870	2	42	8	505	19
Miscellaneous	49	14	3509	9	195	39	360	14
Total known man-caused	301	85	38 322	98	411	82	2259	86
Lightning	8	2	1	–	30	6	67	3
Unknown	45	13	776	2	62	12	292	11
Totals	354	100	39 099	100	503	100	2618	100

Table 10.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	81	23	8	–				
0.11-1	129	37	64	–				
1.1-10	96	27	256	1				
10.1-100	35	10	890	2	N/A		N/A	
100.1-1000	7	2	2547	7				
1000.1-10000	5	1	12 206	31				
10000.1-100000	1	–	23 128	59				
Over 100000	-	-	-	-				
Totals	354	100	39 099	100	503	100	2618	100

FOREST FIRE STATISTICS FOR NEW BRUNSWICK

Table 10.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	1	–	2	–
April	58	16	85	–	69	14	303	12
May	206	59	38 242	98	146	29	1371	52
June	58	16	733	2	81	16	517	20
July	21	6	29	–	73	15	122	5
August	4	1	1	–	76	15	134	5
September	4	1	2	–	32	6	96	4
October	3	1	7	–	21	4	63	2
November	-	-	-	-	4	1	10	–
December	-	-	-	-	-	-	-	-
Totals	354	100	39 099	100	503	100	2618	100

Table 10.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	32 811	$..	..	$..
Regeneration and Immature	4405	..	..	..
Cutover & Other Areas	1883	..	..	..
Real and Personal Property		884 275		1 559 161
Totals	39 099	$884 275	2618	$1 559 161

FOREST FIRE STATISTICS FOR PRINCE EDWARD ISLAND

Table 11.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	-	-	-	-	–	–	2	1
Resident	1	1	–	–	2	4	8	4
Forest Industry	4	4	5	1	2	4	3	2
Railroads	3	3	63	12	1	2	-	-
Other Industry	13	14	51	10	3	7	26	14
Incendiary	58	61	216	42	12	27	94	49
Miscellaneous	-	-	-	-	13	28	5	3
Total known man-caused	79	83	335	65	33	61	137	73
Lightning	-	-	-	-	-	-	-	-
Unknown	16	17	177	35	13	28	52	27
Totals	95	100	512	100	46	100	190	100

Table 11.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	19	20	–	–				
0.11-1	24	25	11	2				
1.1-10	39	41	121	24				
10.1-100	12	13	255	50	N/A		N/A	
100.1-1000	1	1	125	24				
1000.1-10000	-	-	-	-				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	95	100	512	100	46	100	190	100

FOREST FIRE STATISTICS FOR PRINCE EDWARD ISLAND

Table 11.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	–	–	-	-
February	-	-	-	-	..	..	-	-
March	-	-	-	-	..	.	3	2
April	12	13	40	8	..	..	58	30
May	71	75	457	89	..	..	97	51
June	3	3	10	2	..	..	3	2
July	4	4	2	–	..	..	22	11
August	4	4	–	–	..	..	1	1
September	1	1	3	1	..	..	5	2
October	-	-	-	-	..	..	1	1
November	-	-	-	-	..	..	–	–
December	-	-	-	-	..	..	-	-
Totals	95	100	512	100	46	100	190	100

Table 11.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	43	$..	..	$..
Regeneration and Immature	42	..	..	..
Cutover & Other Areas	427	..	..	..
Real and Personal Property		151 000		..
Totals	512	$151 000	190	$..

FOREST FIRE STATISTICS FOR NOVA SCOTIA

Table 12.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	15	3	50	6	33	6	42	2
Resident	164	32	129	16	47	9	39	2
Forest Industry	27	5	66	8	29	5	35	12
Railroads	15	3	99	12	27	5	22	1
Other Industry	5	1			22	4	31	1
Incendiary	144	28	327	39	109	20	308	13
Miscellaneous	25	5	26	3	164	30	348	14
Total known man-caused	395	77	697	84	431	79	825	34
Lightning	-	-	-	-	4	1	3	–
Unknown	115	23	136	16	104	20	1598	66
Totals	510	100	833	100	539	100	2426	100

Table 12.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	263	51	64	8				
0.11-1	146	29	66	8				
1.1-10	85	17	233	28				
10.1-100	16	3	470	56	N/A		N/A	
100.1-1000	-	-	-	-				
1000.1-10000	-	-	-	-				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	510	100	833	100	539	100	2426	100

FOREST FIRE STATISTICS FOR NOVA SCOTIA

Table 12.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	2	–	8	–
March	29	6	41	5	26	5	60	2
April	225	44	365	44	166	31	280	11
May	182	36	377	45	143	26	304	13
June	22	4	9	1	59	11	1698	70
July	33	6	21	3	41	8	16	1
August	6	1	1	–	54	10	14	1
September	8	2	3	–	32	6	19	1
October	3	1	–	–	10	2	11	–
November	1	–	6	1	6	1	16	1
December	1	–	10	1	-	-	-	-
Totals	510	100	833	100	539	10	2426	100

Table 12.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	151	$..	1159	$..
Regeneration and Immature	161	..	66	..
Cutover & Other Areas	521	..	1201	..
Real and Personal Property		-		..
Totals	833	$..	2426	$..

FOREST FIRE STATISTICS FOR NEWFOUNDLAND & LABRADOR

Table 13.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	16	8	16 361	15	25	14	4889	11
Resident	80	42	1535	1	23	13	1740	–
Forest Industry	4	2	23 613	22	8	4	11 468	3
Railroads	8	4	1468	1	10	5	204	
Other Industry	8	4	63	–	8	5	435	1
Incendiary	13	7	998	1	1	1	8	–
Miscellaneous	7	4	2148	2	25	14	4151	10
Total known man-caused	136	71	46 180	42	100	56	11 007	25
Lightning	14	7	6367	6	18	10	31 380	73
Unknown	43	22	56 284	52	61	34	712	2
Totals	193	100	108 831	100	179	100	43 099	100

Table 13.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	84	44	5	–				
0.11-1	41	21	24	–				
1.1-10	26	13	95	–				
10.1-100	22	11	765	1	N/A		N/A	
100.1-1000	10	5	4422	4				
1000.1-10000	7	4	16 803	15				
10000.1-100000	3	2	86 720	80				
Over 100000	-	-	-	-				
Totals	193	100	108 831	100	179	100	43 099	100

FOREST FIRE STATISTICS FOR NEWFOUNDLAND & LABRADOR

Table 13.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	11	6	21	–	6	3	8	–
May	102	53	101 784	94	47	26	772	2
June	32	17	428	–	46	26	7769	18
July	31	16	6051	6	40	22	32 645	76
August	16	8	547	–	28	16	1562	4
September	1	–	–	–	9	5	339	–
October	-	-	-	-	3	2	4	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	193	100	108 831	100	179	100	43 099	100

Table 13.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	23 481	$..	8015	$..
Regeneration and Immature	30	..	592	..
Cutover & Other Areas	85 320	..	34 492	..
Real and Personal Property		-		47 500
Totals	108 831	$..	43 099	$47 500

FOREST FIRE STATISTICS FOR THE YUKON

Table 14.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	18	8	--	--	34	26	1134	1
Resident	6	3	2	–	7	5	9	–
Forest Industry	4	2	–	–	2	1	1367	2
Railroads	-	-	-	-	-	-	-	-
Other Industry	8	4	23	–	9	7	27	–
Incendiary	1	–	200	–	2	1	85	–
Miscellaneous	17	8	–	–	10	8	258	–
Total known man-caused	54	25	225	–	64	48	2880	3
Lightning	149	69	80 865	89	66	50	77 652	92
Unknown	14	6	9478	11	3	2	2817	5
Totals	217	100	90 568	100	133	100	84 349	100

Table 14.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	70	32	2	–				
0.11-1	37	17	23	–				
1.1-10	39	18	205	–				
10.1-100	28	13	1112	1	N/A		N/A	
100.1-1000	25	12	12 117	13				
1000.1-10000	17	8	61 982	69				
10000.1-100000	1	–	15 127	17				
Over 100000	-	-	-	-				
Totals	217	100	90 568	100	133	100	84 349	100

FOREST FIRE STATISTICS FOR THE YUKON

Table 14.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	1	1	1	–	2	1	11	–
May	7	3	–	–	14	11	8167	10
June	95	43	51 591	57	48	36	18 391	22
July	100	46	38 675	43	41	31	29 583	35
August	7	3	291	–	21	16	27 856	33
September	6	3	9	–	6	4	341	–
October	-	-	-	-	1	1	–	–
November	1	1	1	–	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	217	100	90 568	100	133	100	84 349	100

Table 14.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1054	$..	20 134	$..
Regeneration and Immature	2078	..	13 764	..
Cutover & Other Areas	87 436	..	50 451	..
Real and Personal Property		7800		100
Totals	90 568	$7800	84 349	$100

FOREST FIRE STATISTICS FOR THE NORTHWEST TERRITORIES

Table 15.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	21	10	31	–	57	19	2565	–
Resident	3	1	1	–	14	5	17	–
Forest Industry	-	-	-	-	-	-	-	-
Railroads	-	-	-	-	1	–	152	–
Other Industry	1	1	–	–	11	4	9794	2
Incendiary	-	-	-	-	2	1	–	–
Miscellaneous	2	1	–	–	10	3	598	–
Total known man-caused	27	13	32	–	95	32	13 126	2
Lightning	176	86	321 678	100	197	67	578 814	97
Unknown	3	1	–	–	4	1	8713	1
Totals	206	100	321 710	100	296	100	600 653	100

Table 15.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	55	27	2	–				
0.11-1	65	31	30	–				
1.1-10	33	16	115	–				
10.1-100	23	11	831	–	N/A		N/A	
100.1-1000	16	8	5138	2				
1000.1-10000	8	4	41 846	13				
10000.1-100000	6	3	273 748	85				
Over 100000	-	-	-	-				
Totals	206	100	321 710	100	296	100	600 653	100

FOREST FIRE STATISTICS FOR THE NORTHWEST TERRITORIES

Table 15.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	-	-	-	-	2	1	7	–
May	3	1	1125	–	22	7	3853	1
June	78	38	237 807	74	92	31	209 896	35
July	102	50	79 663	25	117	40	262 411	44
August	21	10	3115	1	51	17	122 198	20
September	2	1	–	–	11	4	2286	–
October	-	-	-	-	1	–	2	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	206	100	321 710	100	296	100	600 653	100

Table 15.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	-	$..	3207	$..
Regeneration and Immature	11	..	39 205	..
Cutover & Other Areas	321 699	..	558 241	..
Real and Personal Property		-		14 720
Totals	321 710	$..	600 653	$..

FOREST FIRE STATISTICS FOR NATIONAL PARKS

Table 16.1 Fire Distribution by Cause

Cause Class	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	8	9	2	–	14	12	4	–
Resident	-	-	-	-	3	3	2168	2-
Forest Industry	-	-	-	-	-	-	-	-
Railroads	3	4	1	–	3	3	6	–
Other Industry	3	4	4	–	1	1	2	–
Incendiary	24	29	34	1	9	8	24	–
Miscellaneous	8	9	333	13	10	9	57	–
Total known man-caused	46	55	374	14	40	36	2261	2
Lightning	36	43	1889	71	64	57	105 030	98
Unknown	2	2	400	15	8	7	95	–
Totals	84	100	2663	100	112	100	107 386	100

Table 16.2 Fire Distribution by Size Class

Size Class (hectares)	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	35	42	4	–				
0.11-1	28	33	13	–				
1.1-10	15	18	43	2				
10.1-100	2	2	79	3	N/A		N/A	
100.1-1000	3	4	1033	39				
1000.1-10000	1	1	1491	56				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	84	100	2663	100	112	100	107 386	100

FOREST FIRE STATISTICS FOR NATIONAL PARKS

Table 16.3 Fire Distribution by Month

Month	1986				Annual Average 1976-85			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	–
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	23	28	25	1	10	9	155	–
May	16	19	747	28	14	13	2459	2
June	12	14	304	11	34	30	20 471	19
July	18	21	1516	57	23	20	14 796	14
August	14	17	71	3	26	23	69 497	65
September	1	1	–	–	2	2	7	–
October	-	-	-	-	2	2	1	–
November	-	-	-	-	1	1	–	–
December	-	-	-	-	-	-	-	–
Totals	84	100	2663	100	112	100	107 386	100

Table 16.4 Fire Losses

	1986		Annual Average 1976-85	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	..	$..	..	$..
Regeneration and Immature	..	..	..	..
Cutover & Other Areas	..	..	..	..
Real and Personal Property		-		-
Totals	2663	$..	107 386	$..

Forest Fire Statistics/
Statistique sur les incendies de forêt

Part/Partie 4 - 1987

FOREST FIRE STATISTICS FOR CANADA

Table 1.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	2016	18	33 139	3	1592	18	30 202	1
Resident	1542	14	38 996	4	1008	11	33 997	2
Forest Industry	643	6	14 146	1	348	4	25 176	1
Railroads	351	3	1975	–	371	4	3132	–
Other Industry	590	5	5428	1	428	5	37 307	2
Incendiary	874	8	8400	–	640	7	23 632	1
Miscellaneous	1164	10	10 615	1	1025	11	95 883	5
Total known man-caused	7180	64	112 699	10	5412	60	249 328	12
Lightning	3697	33	946 122	87	3258	36	1 694 500	85
Unknown	427	4	26 808	3	345	4	57 120	3
Totals	11 304	100	1 085 629	100	9013	100	2 000 948	100

Table 1.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	3842	34	254	–				
0.11-1	4949	44	1503	–				
1.1-10	1580	14	5470	1				
10.1-100	563	5	20 397	–	N/A		N/A	
100.1-1000	228	2	76 693	7				
1000.1-10000	116	1	363 492	34				
10000.1-100000	26	–	617 821	57				
Over 100000	-	-	-	-				
Totals	11 304	100	1 085 629	100	9013	100	2 000 948	100

FOREST FIRE STATISTICS FOR CANADA

Table 1.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires[1]	%	Area burned in hectares	%
January	14	–	69	–	14	–	68	–
February	10	–	2124	–	12	–	149	–
March	66	1	206	–	70	2	1002	–
April	1541	14	15 220	1	936	10	104 557	5
May	1883	17	193 419	18	1760	19	306 059	15
June	1879	17	296 985	27	1519	17	550 901	27
July	2814	25	533 494	49	2013	22	508 244	25
August	1318	12	15 461	1	1910	21	425 666	21
September	960	8	18 488	2	476	6	73 425	4
October	694	6	9969	1	199	3	9681	1
November	104	1	190	–	47	–	879	–
December	21	–	4	–	5	–	23	–
Totals	11 304	100	1 085 629	100	9013	100	2 000 948	100

[1]Prince Edward Island (52 fires) included in total only.

Table 1.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned[2] in hectares	Value lost[3]	Area burned[4] in hectares	Value lost[5]
Merchantable Timber	152 395	$..	317 022	$..
Regeneration and Immature	154 044	..	211 737	..
Cutover & Other Areas	779 050	..	1 168 946	..
Real and Personal Property		5 738 312		7 572 036
Totals	1 085 629	$5 738 312	2 000 948	$7 572 036

[2]National Parks (141 ha) included in total only.
[3]Value lost. Only real and personal property reported. Alberta, Nova Scotia and Newfoundland not available.
[4]Saskatchewan (401 051 ha), New Brunswick (6066 ha), Prince Edward Island (230 ha) and National Parks (107 633 ha) included in total only.
[5]Value lsot. Only real and personal property reported. Alberta, Saskatchewan, Nova Scotia, Prince Edward Island and National Parks not available.

Table 1.5 Fire Control Expenditure[1] - 1987

Jurisdiction	Budgeted cost	Fire fighting cost	Fatalities
British Columbia	$..	$35 836 000	-
Alberta	17 600 000	25 286 000	-
Saskatchewan	13 678 000	33 794 000	-
Manitoba	7 887 000	15 148 000	-
Ontario	35 000 000	23 100 000	-
Québec	25 135 000	4 042 000	3
New Brunswick	534 000	2 834 000	-
Prince Edward Island	37 000	31 000	-
Nova Scotia	N/A	N/A	-
Newfoundland	1 760 000	3 060 000	-
Yukon Territory	5 000 000	550 000	-
Northwest Territories	6 600 000	9 320 000	-
National Parks	2 399 000	2 320 000	-
Other Federal Lands	-	-	-
Totals	$115 630 000	$155 321 000	3

[1]Figures rounded to nearest thousand dollars; interagency comparisons should not be made; data from previous years not sufficiently complete for annual averages.

FOREST FIRE STATISTICS FOR THE PROVINCES

Table 2.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	1910	18	33 086	6	1504	17	27 536	2
Resident	1518	14	38 981	7	986	11	33 970	3
Forest Industry	641	6	14 139	2	346	4	23 809	2
Railroads	351	3	1975	–	370	4	2979	–
Other Industry	579	5	5406	1	409	5	32 607	2
Incendiary	873	8	8399	1	637	7	23 528	2
Miscellaneous	1148	11	10 598	2	1004	12	95 087	7
Total known man-caused	7020	65	112 584	19	5258	61	239 515	18
Lightning	3365	31	458 839	77	2991	35	1 060 828	79
Unknown	420	4	26 803	4	337	4	43 897	3
Totals	10 805	100	598 226	100	8584	100	1 344 240	100

Table 2.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	3674	34	249	–				
0.11-1	4814	45	1446	–				
1.1-10	1515	14	5185	1				
10.1-100	530	5	18 992	3	N/A		N/A	
100.1-1000	191	2	57 859	10				
1000.1-10000	69	–	216 903	36				
10000.1-100000	12	–	297 592	50				
Over 100000	-	-	-	-				
Totals	10 805	100	598 226	100	8584	100	1 344 240	100

FOREST FIRE STATISTICS FOR THE PROVINCES

Table 2.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires[1]	%	Area burned in hectares	%
January	14	–	69	–	14	–	68	–
February	10	–	2124	–	12	–	149	–
March	66	1	206	–	70	1	1002	–
April	1536	14	15 216	3	932	11	104 539	8
May	1831	17	193 345	32	1725	20	293 929	22
June	1808	17	280 660	47	1371	16	306 695	23
July	2512	23	64 387	11	1854	22	250 859	19
August	1266	12	13 585	2	1844	22	283 432	21
September	943	9	18 471	3	461	5	72 690	5
October	694	6	9969	2	197	2	9681	1
November	104	1	190	–	47	1	879	–
December	21	–	4	–	5	–	23	–
Totals	10 805	100	598 226	100	8584	100	1 344 240	100

[1]Prince Edward Island (52 fires) included in total only.

Table 2.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares[2]	Value lost[3]	Area burned in hectares[4]	Value lost[5]
Merchantable Timber	151 245	$..	295 093	$..
Regeneration and Immature	154 034	..	160 833	..
Cutover & Other Areas	292 807	..	585 071	..
Real and Personal Property		5 734 512		7 569 936
Totals	598 226	$5 734 512	1 344 240	$7 569 936

[2]National Parks (141 ha) included in total only.
[3]Value lost. Only real and personal property reported. Alberta, Nova Scotia and Newfoundland not available.
[4]Saskatchewan (401 051 ha), New Brunswick (6066 ha), Prince Edward Island (230 ha) and National Parks (107 633 ha) included in total only.
[5]Value lsot. Only real and personal property reported. Alberta, Saskatchewan, Nova Scotia, Prince Edward Island and National Parks not available.

FOREST FIRE STATISTICS FOR THE TERRITORIES

Table 3.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	106	21	53	–	87	20	2666	–
Resident	24	5	15	–	21	5	27	–
Forest Industry	2	–	7	–	2	1	1367	–
Railroads	-	-	-	-	1	–	153	–
Other Industry	11	2	22	–	19	4	4700	1
Incendiary	1	-	1	–	3	1	104	–
Miscellaneous	16	3	17	–	21	5	796	–
Total known man-caused	160	31	115	–	154	36	9813	1
Lightning	332	67	487 283	100	267	62	633 672	96
Unknown	7	2	5	–	8	2	13 223	2
Totals	499	100	487 403	100	429	100	656 708	100

Table 3.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	168	34	4	–				
0.11-1	135	27	57	–				
1.1-10	65	13	285	–				
10.1-100	33	7	1405	–	N/A		N/A	
100.1-1000	47	9	18 834	4				
1000.1-10000	14	3	146 589	30				
10000.1-100000	14	3	320 229	66				
Over 100000	-	-	-	-				
Totals	499	100	487 403	100	429	100	656 708	100

FOREST FIRE STATISTICS FOR THE TERRITORIES

Table 3.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	5	1	4	–	4	1	18	–
May	52	10	74	–	35	8	12 130	2
June	71	14	16 325	3	148	34	244 206	37
July	302	61	469 107	96	159	37	257 385	39
August	55	11	1876	1	66	15	142 234	22
September	17	3	17	–	15	3	735	–
October	-	-	-	-	2	–	–	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	499	100	487 403	100	429	100	656 708	100

Table 3.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1150	$..	21 929	$..
Regeneration and Immature	10	..	50 904	..
Cutover & Other Areas	486 243	..	583 875	..
Real and Personal Property		38 000		2100
Totals	487 403	$38 000	656 708	$2100

FOREST FIRE STATISTICS FOR BRITISH COLUMBIA

Table 4.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	509	15	9244	27	341	14	4915	5
Resident	224	6	1739	5	98	4	1301	2
Forest Industry	414	12	7610	22	165	6	3778	4
Railroads	59	2	195	1	74	3	231	–
Other Industry	72	2	2190	6	111	4	3117	3
Incendiary	199	6	2041	6	168	7	4775	5
Miscellaneous	524	15	3508	10	330	13	17339	19
Total known man-caused	2001	58	26 527	77	1287	51	35 456	38
Lightning	1438	41	7855	23	1232	49	58 689	62
Unknown	38	1	159	–	7	–	159	–
Totals	3477	100	34 541	100	2526	100	94 304	100

Table 4.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	-	-	-	-				
0.11-1	2836	82	435	1				
1.1-10	434	13	1573	5				
10.1-100	155	4	5094	15	N/A		N/A	
100.1-1000	46	1	12 012	35				
1000.1-10000	6	–	15 422	44				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	3477	100	34 541	100	2526	100	94 304	100

FOREST FIRE STATISTICS FOR BRITISH COLUMBIA

Table 4.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	1	–	–	–	1	–	6	–
February	3	–	–	–	1	–	2	–
March	21	1	32	–	14	1	80	–
April	232	7	3380	10	154	6	2368	2
May	270	8	4613	13	235	9	20 809	22
June	463	13	2341	7	396	16	19 492	21
July	1161	33	7450	22	662	26	24 206	26
August	417	12	1046	3	834	33	20 490	22
September	429	12	12 961	37	156	6	5643	6
October	444	13	2698	8	66	3	743	1
November	35	1	20	–	5	0	456	0
December	1	–	–	–	2	–	9	–
Totals	3477	100	34 541	100	2526	100	94 304	100

Table 4.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	14 220	$..	35 298	$..
Regeneration and Immature	8088	..	18 227	..
Cutover & Other Areas	12 233	..	40 779	..
Real and Personal Property		866 651		1 691 825
Totals	34 541	$866 651	94 304	$1 691 825

FOREST FIRE STATISTICS FOR ALBERTA

Table 5.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	178	14	2525	7	149	15	267	–
Resident	159	13	21 447	60	96	9	1987	1
Forest Industry	19	2	1315	4	13	1	90	–
Railroads	15	1	355	1	16	2	138	–
Other Industry	124	10	110	–	66	7	21 281	7
Incendiary	88	7	858	2	60	6	2419	1
Miscellaneous	88	7	160	–	74	7	15 676	5
Total known man-caused	671	54	26 770	74	474	47	41 858	14
Lightning	553	45	9313	26	506	51	261 380	86
Unknown	14	1	30	–	19	2	89	–
Totals	1238	100	36 113	100	999	100	303 327	100

Table 5.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	690	56	68	–				
0.11-1	297	24	155	–				
1.1-10	169	14	580	2				
10.1-100	62	5	2149	6	N/A		N/A	
100.1-1000	14	1	4204	12				
1000.1-10000	5	0	15 323	42				
10000.1-100000	1	0	13 634	38				
Over 100000	-	-	-	-				
Totals	1238	100	36 113	100	999	100	303 327	100

FOREST FIRE STATISTICS FOR ALBERTA

Table 5.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	10	1	69	–	5	1	37	–
February	6	1	2124	6	7	1	37	–
March	17	1	57	–	9	1	16	–
April	140	11	2434	7	87	9	24 576	8
May	233	19	19 699	55	181	18	39 033	13
June	247	20	541	1	230	23	94 301	31
July	323	26	8144	23	202	20	22 680	7
August	19	2	8	–	179	18	71 474	24
September	69	6	136	–	43	4	51 055	17
October	102	8	2840	8	39	4	72	–
November	54	4	57	–	14	1	34	–
December	18	1	4	–	3	–	12	–
Totals	1238	1–	36 113	100	999	100	303 327	100

Table 5.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	22 841	$..	123 832	$..
Regeneration and Immature	1454	..	80 303	..
Cutover & Other Areas	11 818	..	99 192	..
Real and Personal Property		-		-
Totals	36 113	$..	303 327	$..

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Table 6.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	201	20	883	–	96	17	4513	1
Resident	128	13	2773	1	91	16	2775	1
Forest Industry	14	1	231	–	8	1	753	–
Railroads	-	-	-	-	3	1	43	–
Other Industry	7	1	285	-	8	1	3815	1
Incendiary	201	20	2488	1	49	8	5110	1
Miscellaneous	37	4	354	–	27	5	40 337	10
Total known man-caused	588	60	7014	3	282	49	573 466	14
Lightning	346	35	196 322	87	274	47	332 947	83
Unknown	46	5	23 158	10	25	4	10 759	3
Totals	980	100	226 494	100	581	100	401 052	100

Table 6.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	473	48	17	–				
0.11-1	237	24	225	–				
1.1-10	126	13	449	–				
10.1-100	85	9	3302	1	N/A		N/A	
100.1-1000	34	4	10 140	5				
1000.1-10000	20	2	76 590	34				
10000.1-100000	5	1	135 771	60				
Over 100000	-	-	-	-				
Totals	980	100	226 494	100	581	100	401 052	100

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Table 6.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	2	–	–	–	2	–	4	–
February	1	–	–	–	1	–	4	–
March	-	-	-	-	1	–	22	–
April	44	5	2144	1	45	8	43 937	11
May	196	20	75 156	33	126	22	75 824	19
June	322	33	143 426	63	131	23	75 662	19
July	202	21	4077	2	125	21	119 844	30
August	83	8	215	–	119	20	76 661	19
September	85	9	1030	–	21	4	946	–
October	122	12	395	–	9	2	8148	2
November	6	1	51	–	1	–	–	–
December	2	–	–	–	-	-	-	-
Totals	980	100	226 494	100	581	100	401 052	100

Table 6.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	23 755	$..	..	$..
Regeneration and Immature	105 577	..	..	..
Cutover & Other Areas	97 162	..	..	..
Real and Personal Property		-		..
Totals	226 494	$..	..	$..

FOREST FIRE STATISTICS FOR MANITOBA

Table 7.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	94	18	1526	1	72	12	5731	4
Resident	163	31	9557	6	124	21	19 016	12
Forest Industry	8	2	1044	1	4	1	216	–
Railroads	12	2	16	–	22	4	696	–
Other Industry	9	2	550	–	18	3	1107	1
Incendiary	14	3	2512	2	66	11	9912	7
Miscellaneous	14	3	18	–	24	4	2668	2
Total known man-caused	314	61	15 223	10	330	56	39 346	26
Lightning	205	39	154 297	90	233	40	106 021	70
Unknown	-	-	-	-	25	4	6263	4
Totals	519	100	169 520	100	588	100	151 630	100

Table 7.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	125	24	13	–				
0.11-1	128	25	72	–				
1.1-10	128	25	641	–				
10.1-100	78	14	3546	2	N/A		N/A	
100.1-1000	43	8	13 885	8				
1000.1-10000	13	3	42 499	26				
10000.1-100000	4	1	108 864	64				
Over 100000	-	-	-	-				
Totals	519	100	169 520	100	588	100	151 630	100

FOREST FIRE STATISTICS FOR MANITOBA

Table 7.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	5	1	21	–
February	-	-	-	-	1	–	98	–
March	-	-	-	-	3	1	785	1
April	65	13	2129	1	80	14	30 824	20
May	167	32	68 929	41	128	22	43 859	29
June	140	27	56 716	33	89	15	37 459	25
July	61	12	26 818	16	149	25	21 169	14
August	31	6	10 183	6	97	16	8628	6
September	40	8	785	–	28	5	8371	5
October	12	2	3902	2	6	1	354	–
November	3	1	57	–	2	–	62	–
December	-	-	-	-	-	-	-	-
Totals	519	100	169 520	100	588	100	151 630	100

Table 7.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	61 388	$..	51 426	$..
Regeneration and Immature	22 878	..	31 213	..
Cutover & Other Areas	85 266	..	68 991	..
Real and Personal Property		3 140 000		16 800
Totals	169 520	$3 140 000	151 630	$16 800

FOREST FIRE STATISTICS FOR ONTARIO

Table 8.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	446	23	429	1	379	25	4020	2
Resident	261	14	2838	4	183	12	2645	1
Forest Industry	56	3	666	1	24	2	14 455	7
Railroads	169	9	1257	2	162	11	1187	1
Other Industry	68	3	1752	2	28	2	454	–
Incendiary	36	2	21	–	43	3	164	–
Miscellaneous	220	11	5670	7	164	11	14 750	8
Total known man-caused	1256	65	12 633	17	983	66	37 675	19
Lightning	593	31	60 054	79	469	32	136 646	71
Unknown	74	4	2895	4	32	2	19 870	10
Totals	1923	100	75 582	100	1484	100	194 191	100

Table 8.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	952	50	95	–				
0.11-1	611	32	277	1				
1.1-10	256	13	796	1				
10.1-100	62	3	2441	3	N/A		N/A	
100.1-1000	27	1	8572	11				
1000.1-10000	14	1	36 338	48				
10000.1-100000	1	–	27 063	36				
Over 100000	-	-	-	-				
Totals	1923	100	75 582	100	1484	100	194 191	100

FOREST FIRE STATISTICS FOR ONTARIO

Table 8.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	26	1	116	–	15	1	34	–
April	359	19	3742	5	217	15	1758	1
May	428	22	21 818	29	328	22	73 525	38
June	350	18	45 934	61	203	14	50 223	26
July	321	17	560	1	375	25	27 289	14
August	259	13	964	1	243	16	34 783	18
September	144	8	2412	3	81	6	6081	3
October	32	2	32	–	19	1	244	–
November	4	–	4	–	3	–	254	–
December	-	-	-	-	-	-	-	-
Totals	1923	100	75 582	100	1484	100	194 191	100

Table 8.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	4967	$..	47 789	$..
Regeneration and Immature	494	..	16 018	..
Cutover & Other Areas	70 121	..	130 384	..
Real and Personal Property		419 209		494 115
Totals	75 582	$419 209	194 191	$494 115

FOREST FIRE STATISTICS FOR QUEBEC

Table 9.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	337	34	17 116	46	362	35	1588	3
Resident	253	25	402	1	206	20	519	1
Forest Industry	72	7	2242	6	72	7	434	1
Railroads	50	5	132	–	35	3	101	–
Other Industry	101	10	305	1	129	12	2044	4
Incendiary	58	6	226	1	60	6	250	–
Miscellaneous	6	1	–	–	11	1	788	2
Total known man-caused	877	88	20 423	55	875	84	5724	11
Lightning	115	12	16 412	45	167	16	44 993	89
Unknown	-	-	-	-	-	-	-	-
Totals	992	100	36 835	100	1042	100	50 717	100

Table 9.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	547	55	12	–				
0.11-1	222	22	102	–				
1.1-10	156	16	512	1				
10.1-100	43	4	1238	3	N/A		N/A	
100.1-1000	18	2	5070	14				
1000.1-10000	5	1	17 641	48				
10000.1-100000	1	–	12 260	33				
Over 100000	-	-	-	-				
Totals	992	100	36 835	100	1042	100	50 717	100

FOREST FIRE STATISTICS FOR QUEBEC

Table 9.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	318	32	954	3	85	8	279	1
May	207	21	1892	5	360	35	22 069	43
June	142	14	30 626	83	128	12	26 307	52
July	120	12	2345	6	175	17	1443	3
August	109	11	48	–	203	20	401	1
September	57	6	902	3	57	5	130	–
October	38	4	68	–	23	2	42	–
November	1	–	–	–	11	1	46	–
December	-	-	-	-	-	-	-	-
Totals	992	100	36 835	100	1042	100	50 717	100

Table 9.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	14 476	$..	28 851	$..
Regeneration and Immature	13 373	..	14 482	..
Cutover & Other Areas	8986	..	7384	..
Real and Personal Property		242 449		695 534
Totals	36 835	$242 449	50 717	$695 534

FOREST FIRE STATISTICS FOR NEW BRUNSWICK

Table 10.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	69	11	120	10	38	8	146	2
Resident	183	28	125	10	93	19	3322	55
Forest Industry	31	5	230	19	19	4	734	12
Railroads	31	5	12	1	22	4	245	4
Other Industry	9	1	1	–	12	2	285	5
Incendiary	77	12	128	11	45	9	330	5
Miscellaneous	182	28	295	25	180	36	698	12
Total known man-caused	582	90	911	76	409	82	5760	95
Lightning	22	3	6	1	27	5	64	1
Unknown	49	7	282	23	62	13	242	4
Totals	653	100	1199	100	498	100	6066	100

Table 10.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	352	54	15	1				
0.11-1	170	26	69	6				
1.1-10	105	16	232	19				
10.1-100	23	4	396	33	N/A		N/A	
100.1-1000	3	–	487	41				
1000.1-10000	-	-	-	-				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	653	100	1199	100	498	100	6066	100

FOREST FIRE STATISTICS FOR NEW BRUNSWICK

Table 10.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	1	—	2	—
April	173	26	183	15	72	14	304	5
May	123	19	748	62	156	32	5061	83
June	48	7	18	2	72	14	112	2
July	101	16	34	3	68	14	112	2
August	129	20	34	3	72	14	113	2
September	71	11	164	14	32	7	96	2
October	7	1	17	1	21	4	64	1
November	1	—	1	—	4	1	10	—
December	-	-	-	-	-	-	-	-
Totals	653	100	1199	100	498	100	6066	100

Table 10.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	654	$..	..	$..
Regeneration and Immature	241	..	..	..
Cutover & Other Areas	304	..	..	..
Real and Personal Property		1 049 203		1 500 962
Totals	1199	$1 049 203	6066	$1 500 962

FOREST FIRE STATISTICS FOR PRINCE EDWARD ISLAND

Table 11.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	-	-	-	-	-	-	-	-
Resident	3	6	1	1	2	4	8	4
Forest Industry	8	15	27	24	2	4	3	1
Railroads	-	-	-	-	1	2	6	3
Other Industry	10	19	10	9	5	9	31	14
Incendiary	19	37	27	24	17	33	109	47
Miscellaneous	-	-	-	-	12	23	6	2
Total known man-caused	40	77	65	58	39	75	163	71
Lightning	-	-	-	-	-	-	-	-
Unknown	12	23	48	42	13	25	67	29
Totals	52	100	113	100	52	100	230	100

Table 11.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	11	21	–	–				
0.11-1	19	37	8	7				
1.1-10	21	40	72	64				
10.1-100	1	2	33	29	N/A		N/A	
100.1-1000	-	-	-	-				
1000.1-10000	-	-	-	-				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	52	100	113	100	52	100	230	100

FOREST FIRE STATISTICS FOR PRINCE EDWARD ISLAND

Table 11.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	..	..	3	1
April	9	17	46	40	..	..	54	24
May	19	37	42	37	..	..	141	62
June	5	10	7	6	..	..	3	1
July	6	11	2	2	..	..	22	10
August	7	13	6	5	..	..	1	–
September	4	8	5	5	..	..	5	2
October	2	4	5	5	..	..	1	–
November	-	-	-	-	..	..	-	-
December	-	-	-	-	..	..	-	-
Totals	52	100	113	100	52	100	230	100

Table 11.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	11	$..	..	$..
Regeneration and Immature	5	..	..	..
Cutover & Other Areas	97	..	..	..
Real and Personal Property		5000		..
Totals	113	$5000	230	$..

FOREST FIRE STATISTICS FOR NOVA SCOTIA

Table 12.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	23	4	6	1	32	6	41	5
Resident	92	16	43	8	63	12	52	7
Forest Industry	2	–	2	–	31	6	41	5
Railroads	13	2	8	1	25	5	24	3
Other Industry	165	28	198	36	22	4	29	4
Incendiary	153	26	80	14	116	21	329	44
Miscellaneous	40	7	158	28	150	28	114	15
Total known man-caused	490	83	495	88	439	82	630	83
Lightning	18	3	3	1	4	1	4	1
Unknown	82	14	62	11	93	17	122	16
Totals	590	100	560	100	536	100	756	100

Table 12.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	283	48	11	2				
0.11-1	212	36	68	12				
1.1-10	87	15	216	39				
10.1-100	8	1	265	47	N/A		N/A	
100.1-1000	-	-	-	-				
1000.1-10000	-	-	-	-				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	590	100	560	100	536	100	756	100

FOREST FIRE STATISTICS FOR NOVA SCOTIA

Table 12.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	2	–	8	1
March	2	–	1	–	27	5	60	8
April	162	28	165	29	173	32	272	36
May	133	23	317	57	151	28	322	43
June	32	5	11	2	47	9	19	3
July	93	16	19	3	42	8	18	2
August	137	23	33	6	46	9	11	1
September	26	4	11	2	32	6	19	3
October	5	1	3	1	10	2	9	1
November	-	-	-	-	6	1	18	2
December	-	-	-	-	-	-	-	-
Totals	590	100	560	100	536	100	756	100

Table 12.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	149	$..	191	$..
Regeneration and Immature	87	..	80	..
Cutover & Other Areas	324	..	485	..
Real and Personal Property		..		..
Totals	560	$..	756	$..

FOREST FIRE STATISTICS FOR NEWFOUNDLAND

Table 13.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	35	12	1217	7	21	13	6310	18
Resident	49	17	40	–	27	16	177	1
Forest Industry	17	6	772	5	7	4	3305	10
Railroads	1	–	–	–	6	4	302	1
Other Industry	12	4	5	–	8	5	442	1
Incendiary	9	3	2	–	3	2	108	–
Miscellaneous	30	11	374	2	22	13	2622	8
Total known man-caused	153	53	2410	14	94	57	13 266	39
Lightning	37	13	14 550	85	15	9	14 866	43
Unknown	97	34	169	1	55	34	6204	18
Totals	287	100	17 129	100	164	100	34 336	100

Table 13.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	187	65	16	–				
0.11-1	52	18	23	–				
1.1-10	27	10	93	1				
10.1-100	9	3	423	3	N/A		N/A	
100.1-1000	6	2	3484	20				
1000.1-10000	6	2	13 090	76				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	287	100	17 129	100	164	100	34 336	100

FOREST FIRE STATISTICS FOR NEWFOUNDLAND

Table 13.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	14	5	6	–	7	4	10	–
May	44	15	117	1	46	28	10 753	31
June	33	12	1020	6	41	25	2740	8
July	95	33	14 924	87	33	20	19 139	56
August	72	25	1048	6	25	15	1353	4
September	14	5	5	–	9	6	338	1
October	15	5	9	–	3	2	3	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	287	100	17 129	100	164	100	34 336	100

Table 13.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	8784	$..	7706	$..
Regeneration and Immature	1838	..	511	..
Cutover & Other Areas	6507	..	26 119	..
Real and Personal Property		12 000		47 500
Totals	17 129	$12 000	34 336	$47 500

FOREST FIRE STATISTICS FOR THE YUKON TERRITORY

Table 14.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	44	35	3	–	33	23	1119	1
Resident	13	10	2	–	7	5	10	–
Forest Industry	2	2	7	–	2	1	1368	2
Railroads	-	-	-	-	-	-	-	-
Other Industry	7	6	20	–	9	6	28	–
Incendiary	1	1	1	–	2	1	104	–
Miscellaneous	12	9	4	–	11	8	256	–
Total known man-caused	79	63	37	–	64	44	2885	3
Lightning	46	37	88 289	100	75	53	80 475	92
Unknown	-	-	-	-	4	3	4765	5
Totals	125	100	88 326	100	143	100	88 125	100

Table 14.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	64	51	1	–				
0.11-1	21	17	10	–				
1.1-10	15	12	81	–				
10.1-100	12	9	442	1	N/A		N/A	
100.1-1000	7	6	3281	4				
1000.1-10000	4	3	10 100	11				
10000.1-100000	2	2	74 411	84				
Over 100000	-	-	-	-				
Totals	125	100	88 326	100	143	100	88 125	100

FOREST FIRE STATISTICS FOR THE YUKON TERRITORY

Table 14.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	3	2	3	–	2	1	11	–
May	27	22	3	–	14	10	8167	9
June	26	21	16 274	18	55	38	19 046	22
July	49	39	72 025	82	48	34	32 775	37
August	11	9	21	–	18	13	27 799	32
September	9	7	–	–	5	3	327	–
October	-	-	-	-	1	1	–	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	125	100	88 326	100	143	100	88 125	100

Table 14.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	1150	$..	18 764	$..
Regeneration and Immature	-	-	12 498	..
Cutover & Other Areas	87 176	..	56 863	..
Real and Personal Property		-		880
Totals	88 326	$..	88 125	$880

FOREST FIRE STATISTICS FOR THE NORTHWEST TERRITORIES

Table 15.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	62	17	50	–	54	19	1547	–
Resident	11	3	13	–	14	5	17	–
Forest Industry	-	-	-	-	-	-	-	-
Railroads	-	-	-	-	1	–	152	–
Other Industry	4	1	2	–	10	4	4672	1
Incendiary	-	-	-	-	1	–	–	–
Miscellaneous	4	1	13	–	10	4	540	–
Total known man-caused	81	22	78	–	90	32	6928	1
Lightning	286	76	398 994	100	192	67	553 197	97
Unknown	7	2	5	–	4	1	8458	2
Totals	374	100	399 077	100	286	100	568 583	100

Table 15.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	104	28	3	–				
0.11-1	114	31	47	–				
1.1-10	50	13	204	–				
10.1-100	21	6	963	–	N/A		N/A	
100.1-1000	30	8	15 553	4				
1000.1-10000	43	11	136 489	34				
10000.1-100000	12	3	245 818	62				
Over 100000	-	-	-	-				
Totals	374	100	399 077	100	286	100	568 583	100

FOREST FIRE STATISTICS FOR THE NORTHWEST TERRITORIES

Table 15.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	2	1	1	–	2	1	7	–
May	25	7	71	–	21	7	3963	1
June	45	12	51	–	93	32	225 160	40
July	253	67	397 082	99	111	39	224 610	39
August	41	11	1855	1	48	17	114 435	20
September	8	2	17	–	10	4	408	–
October	-	-	-	-	1	–	–	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	374	100	399 077	100	286	100	568 583	100

Table 15.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	-	$-	3165	$..
Regeneration and Immature	10	..	38 406	..
Cutover & Other Areas	399 067	..	527 012	..
Real and Personal Property		38 000		1220
Totals	399 077	$38 000	568 583	$1220

FOREST FIRE STATISTICS FOR THE NATIONAL PARKS

Table 16.1 Fire Distribution by Cause

Cause Class	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	18	19	2	14	14	12	4	–
Resident	3	3	16	11	3	3	2168	2
Forest Industry	-	-	-	-	-	-	-	-
Railroads	1	1	–	–	4	3	6	–
Other Industry	2	2	–	–	2	2	2	–
Incendiary	19	20	16	11	10	9	21	–
Miscellaneous	5	5	61	44	10	9	90	–
Total known man-caused	48	50	113	80	43	38	2291	2
Lightning	38	41	28	20	64	57	105 218	98
Unknown	8	9	–	–	6	5	124	–
Totals	94	100	141	100	113	100	107 633	100

Table 16.2 Fire Distribution by Size Class

Size Class (hectares)	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	54	58	3	2				
0.11-1	30	32	12	8				
1.1-10	6	6	21	15				
10.1-100	4	4	105	75	N/A		N/A	
100.1-1000	-	-	-	-				
1000.1-10000	-	-	-	-				
10000.1-100000	-	-	-	-				
Over 100000	-	-	-	-				
Totals	94	100	141	100	113	100	107 633	100

FOREST FIRE STATISTICS FOR THE NATIONAL PARKS

Table 16.3 Fire Distribution by Month

Month	1987				Annual Average 1977-86			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	2	22	33	23	12	11	157	0
May	11	12	14	10	14	12	2533	2
June	26	28	20	14	34	30	20 500	19
July	29	31	14	10	23	20	14 938	14
August	3	3			26	23	69 497	65
September	4	4	60	43	2	2	7	6
October	-	-	-	-	1	1	1	–
November	-	-	-	-	1	1	–	–
December	-	-	-	-	-	-	-	-
Totals	94	100	141	100	113	100	107 633	100

Table 16.4 Fire Losses

	1987		Annual Average 1977-86	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	..	$..	..	$..
Regeneration and Immature	..	..	..	..
Cutover & Other Areas	..	..	..	..
Real and Personal Property		..		..
Totals	141	$..	107 633	$..

Appendix/Annexe 1

Agency priority zone tables/Tableaux des zones de priorité des organismes
(a) Intensive Protection Zone - Priority Zone 1/
Zone de protection intensive - Zone de priorité 1
(b) Limited Protection Zone - Priority Zone 2/
Zone de protection limitée - Zone de priorité 2

1984
Alberta
Saskatchewan

1985
Saskatchewan

1986
Saskatchewan
Quebec

1987
Quebec

FOREST FIRE STATISTICS FOR ALBERTA

Fire Distribution by Cause – 1984

Cause Class	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	90	7	302	1	-	-	-	-
Resident	114	9	2 601	8	-	-	-	-
Forest Industry	16	1	8	–	-	-	-	-
Railroads	13	1	111	–	-	-	-	-
Other Industry	92	7	416	1	-	-	-	-
Incendiary	64	5	9 843	28	-	-	-	-
Miscellaneous	82	6	472	1	-	-	-	-
Total known man-caused	471	36	13 793	39	-	-	-	-
Lightning	845	68	21 777	61	40	100	43 407	100
Unknown	14	1	29	–	-	-	-	-
Totals	1 330	100	35 559	100	40	100	43 407	100

Fire Distribution by Size Class – 1984

Size Class (hectares)	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	786	59	40	–	5	13	–	–
0.1 - 4.0	424	32	501	1	22	55	25	–
4.1 - 40.0	86	7	1 301	4	7	17	66	–
40.1 - 200	18	1	1 641	5	1	2	51	–
over 200	16	1	32 076	90	5	13	43 265	100
Totals	1 330	100	35 559	100	40	100	43 407	100

FOREST FIRE STATISTICS FOR ALBERTA

Fire Distribution by Month - 1984

Month	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	7	1	287	1	-	-	-	-
February	19	1	266	1	-	-	-	-
March	17	1	36	–	-	-	-	-
April	143	11	12 049	34	-	-	-	-
May	118	9	685	2	2	5	2	–
June	156	12	1 018	3	5	13	15	–
July	285	21	18 825	53	10	25	43 324	100
August	545	41	2 086	6	23	57	66	–
September	24	2	237	–	-	-	-	-
October	9	1	6	–	-	-	-	-
November	5	–	64	–	-	-	-	-
December	2	–	–	–	-	-	-	-
Totals	1 330	100	35 559	100	40	100	43 407	100

Fire Losses - 1984

	PRIORITY ZONE 1		PRIORITY ZONE 2	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	18 195	$2 935 118	3 455	$99 648
Regeneration and Immature	2 967	85 893	10 642	8 181
Cutover & Other Areas	14 397	-	29 310	-
Real and Personal Property		-		-
Totals	35 559	$3 021 011	43 407	$107 829

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Fire Distribution by Cause – 1984

Cause Class	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	75	14	83	1	28	8	20 697	6
Resident	48	9	1 090	9	74	22	2 257	1
Forest Industry	5	1	1	–	1	–	–	–
Railroads	6	1	2	–	-	-	-	-
Other Industry	6	1	183	1	2	1	–	–
Incendiary	50	9	181	1	24	7	227	–
Miscellaneous	24	4	132	1	18	5	2 195	1
Total known man-caused	214	39	1 672	13	147	43	25 376	8
Lightning	324	59	11 356	87	188	54	271 075	88
Unknown	11	2	8	–	11	3	11 748	4
Totals	549	100	13 036	100	346	100	308 199	100

Fire Distribution by Size Class – 1984

Size Class (hectares)	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
0 - 0.09	179	33	5	–	71	20	2	–
0.1 - 4.0	309	56	246	2	151	44	179	–
4.1 - 40.0	39	7	570	4	57	16	882	–
40.1 - 200	15	3	1 573	12	23	7	2 314	1-
over 200	7	1	10 642	82	44	13	304 822	99
Totals	549	100	13 036	100	346	100	308 199	100

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Fire Distribution by Month - 1984

Month	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	1	–	–	–	-	-	-	-
April	35	6	1 268	10	59	17	2 266	1
May	44	8	6 992	53	37	11	141	–
June	113	21	3 079	24	66	19	20 555	7
July	93	17	1 011	8	87	25	259 333	84
August	247	45	669	5	95	27	25 904	8
September	7	1	1	–	-	-	-	-
October	9	2	16	–	2	1	–	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	549	100	13 036	100	346	100	308 199	100

Fire Losses - 1984

	PRIORITY ZONE 1		PRIORITY ZONE 2	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	4 447	$18 027 019	24 017	$20 136 548
Regeneration and Immature	1 957	40 963 176	16 860	28 615 510
Cutover & Other Areas	6 632	..	267 322	..
Real and Personal Property		248 806		168 137
Totals	13 036	$59 239 001	308 199	$48 920 195

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Fire Distribution by Cause – 1985

Cause Class	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	93	27	18	–	26	15	6 774	7
Resident	48	14	730	14	37	21	186	–
Forest Industry	8	2	177	4	2	1	1	–
Railroads	1	–	1	–	-	-	-	-
Other Industry	3	1	–	–	3	2	89	–
Incendiary	38	11	176	4	18	10	20	–
Miscellaneous	9	3	62	1	7	4	72	–
Total known man-caused	200	58	1 164	23	93	53	7 142	7
Lightning	134	38	3 724	73	74	43	76 561	73
Unknown	13	4	225	4	6	4	21 312	20
Totals	347	100	5 113	100	173	100	105 015	100

Fire Distribution By Size Class – 1985

Size Class (hectares)	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
up to 0.1	207	60	6	–	44	25	2	–
0.11 - 1	77	22	34	1	53	31	31	–
1.1 - 10	39	11	135	3	34	20	165	–
10.1 - 100	17	5	653	13	21	12	846	1
100.1 - 1 000	6	2	1 301	25	11	6	4 980	5
1 000.1 - 10 000	1	–	2 984	58	7	4	36 252	34
10 000.1 - 100 000	-	-	-	-	3	2	62 739	60
over 100 000	-	-	-	-	-	-	-	-
Totals	347	100	5 113	100	173	100	105 015	100

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Fire Distribution by Month - 1985

Month	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires[2]	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	1	–	–	–	-	-	-	-
April	14	4	169	3	7	4	5	–
May	102	29	972	19	42	24	26 311	25
June	48	14	3 509	69	30	17	3 511	3
July	97	28	364	7	64	37	57 374	55
August	77	22	98	2	26	15	17 801	17
September	2	1	–	–	1	1	–	–
October	6	2	1		3	2	13	–
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	347	100	5 113	100	173	100	105 015	100

Fire Losses - 1985

	PRIORITY ZONE 1		PRIORITY ZONE 2	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	2 534	$22 074 113	16	$150 935
Regeneration and Immature	957	2 806 296	5 513	4 195 358
Cutover & Other Areas	1 622	..	99 486	..
Real and Personal Property		41 390		81 734
Totals	5 113	$24 921 799	105 015	$4 428 027

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Fire Distribution by Cause - 1986

Cause Class	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	112	36	56	1	28	16	118	2
Resident	29	9	4820	76	66	37	639	9
Forest Industry	8	3	53	1	2	1	18	–
Railroads	3	1	25	–	-	-	-	-
Other Industry	1	–	10	–	-	-	-	-
Incendiary	44	14	47	1	26	14	35	1
Miscellaneous	14	5	8	–	6	3	1	–
Total known man-caused	211	68	5019	29	128	71	811	12
Lightning	88	28	1292	21	40	22	6032	88
Unknown	13	4	5	–	13	7	–	–
Totals	312	100	6316	100	181	100	6843	100

Fire Distribution by Size Class - 1986

Size Class (hectares)	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	201	65	9	–	81	45	5	–
0.11-1	56	18	33	1	47	26	27	–
1.1-10	32	10	172	3	21	11	132	2
10.1-100	17	5	472	7	22	12	818	12
100.1-1000	4	1	1126	18	9	5	2248	33
1000.1-10000	2	1	4504	71	1	1	3613	53
10000.1-100000	-	-	-	-	-	-	-	-
Over 100000	-	-	-	-	-	-	-	-
Totals	312	100	6316	100	181	100	6843	100

FOREST FIRE STATISTICS FOR SASKATCHEWAN

Fire Distribution by Month - 1986

Month	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	15	5	3219	51	7	4	54	1
May	69	22	2634	42	52	29	4389	64
June	118	38	405	6	57	31	982	14
July	26	8	9	–	19	10	75	1
August	47	15	32	1	29	16	1332	20
September	27	9	5	–	12	7	7	–
October	9	3	11	–	5	3	3	–
November	1	–	1	–	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	312	100	6316	100	181	100	6843	100

Fire Losses - 1986

	PRIORITY ZONE 1		PRIORITY ZONE 2	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	643	$4 661 434	251	$1 429 324
Regeneration and Immature	407	1 341 332	2730	3 928 293
Cutover & Other Areas	5266	..	3862	..
Real and Personal Property		51 640		148 175
Totals	6316	$6 054 406	6843	$5 505 792

FOREST FIRE STATISTICS FOR QUEBEC

Fire Distribution by Cause - 1986

Cause Class	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	268	32	865	1	4	19	17	–
Resident	256	31	350	–	1	5	15	–
Forest Industry	45	5	280	–	-	-	-	-
Railroads	49	6	117	–	-	-	-	-
Other Industry	47	6	169	–	1	5	–	–
Incendiary	66	8	206	–	-	-	-	-
Miscellaneous	6	1	–	–	-	-	-	-
Total known man-caused	737	89	1987	1	6	29	32	–
Lightning	93	11	165 563	99	15	71	29 644	100
Unknown	-	-	-	-	-	-	-	-
Totals	830	100	167 550	100	21	100	29 676	100

Fire Distribution by Size Class - 1986

Size Class (hectares)	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	377	45	11	–	4	19	–	–
0.11-1	218	26	104	–	1	5	1	–
1.1-10	173	21	626	–	6	28	21	–
10.1-100	40	5	1133	1	6	28	146	1
100.1-1000	12	1	3785	2	1	5	270	1
1000.1-10000	6	1	29 168	18	2	10	8938	30
10000.1-100000	4	1	132 723	79	1	5	20 300	68
Over 100000	-	-	-	-	-	-	-	-
Totals	830	100	167 550	100	21	100	29 676	100

FOREST FIRE STATISTICS FOR QUÉBEC

Fire Distribution by Month - 1986

Month	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	264	32	744	1	-	-	-	-
May	342	41	165 977	99	2	9	20 315	69
June	94	12	472	–	1	5	3	–
July	77	9	20	–	14	67	9337	31
August	33	4	332	–	4	19	21	–
September	9	1	1	–	-	-	-	-
October	11	1	4	–	-	-	-	-
November	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-
Totals	830	100	167 550	100	21	100	29 676	100

Fire Losses - 1986

	PRIORITY ZONE 1		PRIORITY ZONE 2	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	89 801	$..	2110	$..
Regeneration and Immature	55 878	..	25 508	..
Cutover & Other Areas	21 871	..	2058	..
Real and Personal Property		86 535		-
Totals	167 550	$86 335	29 676	$..

FOREST FIRE STATISTICS FOR QUÉBEC

Fire Distribution by Cause - 1987

Cause Class	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Recreation	333	35	16 676	79	4	12	440	3
Resident	248	26	396	2	5	15	6	–
Forest Industry	72	7	2242	11	-	-	-	-
Railroads	50	5	132	1	-	-	-	-
Other Industry	99	10	305	1	2	6	–	–
Incendiary	58	6	226	1	-	-	-	-
Miscellaneous	6	1	–	–	-	-	-	-
Total known man-caused	866	90	19 977	95	11	33	446	3
Lightning	93	10	958	5	22	67	15 454	97
Unknown	-	-	-	-	-	-	-	-
Totals	959	100	20 935	100	33	100	15 900	100

Fire Distribution by Size Class - 1987

Size Class (hectares)	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
Up to 0.1	540	56	12	–	7	21	–	–
0.11-1	218	23	100	1	4	12	2	–
1.1-10	151	16	494	2	5	15	18	–
10.1-100	40	4	1079	5	3	9	159	1
100.1-1000	7	1	2175	10	11	34	2895	18
1000.1-10000	2	–	4815	23	3	9	12 826	81
10000.1-100000	1	–	12 260	59	-	-	-	-
Over 100000	-	-	-	-	-	-	-	-
Totals	959	100	20 935	100	33	100	15 900	100

FOREST FIRE STATISTICS FOR QUÉBEC

Fire Distribution by Month - 1987

Month	PRIORITY ZONE 1				PRIORITY ZONE 2			
	Number of fires	%	Area burned in hectares	%	Number of fires	%	Area burned in hectares	%
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	318	33	954	5	–	–	–	–
May	204	22	1886	9	3	9	6	–
June	126	13	16 224	78	16	49	14 402	91
July	108	11	853	4	12	36	1492	9
August	108	11	48	–	1	3	–	–
September	56	6	902	4	1	3	–	–
October	38	4	68	–	–	–	–	–
November	1	–	–	–	–	–	–	–
December	-	-	-	-	-	-	-	-
Totals	959	100	20 935	100	33	100	15 900	100

Fire Losses - 1987

	PRIORITY ZONE 1		PRIORITY ZONE 2	
	Area burned in hectares	Value lost	Area burned in hectares	Value lost
Merchantable Timber	14 145	$..	331	$..
Regeneration and Immature	3315	..	10 058	..
Cutover & Other Areas	3475	..	5511	..
Real and Personal Property		242 449		-
Totals	20 935	$242 449	15 900	$..

Appendix/Annexe 2

Canadian Forest Fire Statistics/
Statistiques sur les incendies de forêt au Canada
1988, 1989 and/et 1990

	Fires			Area Burned (ha)		
	1990	1989	1988	1990	1989	1988
British Columbia	3 255	3520	1950	75 778	25 381	11 482
Alberta	1 296	795	872	30 534	6 411	14 538
Saskatchewan	897	1 020	1 064	187 349	470 510	81 109
Manitoba	537*	1 226	982	19 784*	3 567 948	485 654
Ontario	1 614	2 430	3 260	183 693	403 886	390 706
Quebec	851	1 167	1 331	83 346	2 109 512	275 722
New Brunswick	377	392	438	6 114	343	1 978
P.E.I.	38	30	21	102	195	17
Nova Scotia	498	425	328	1 068	462	334
Nfld. & Labrador	197	192	116	47 317	68 156	1 780
Yukon	154	244	115	169 601	323 347	6 310
N.W.T.	236	613	190	104 613	577 585	66 109
National Parks	128*	131	73	25 041*	834	331
Total	10 078	12 185	10 740	934 340	7 559 570	1 336 070

*Estimates provided by the Canadian Interagency Forest Fire Centre.

Appendix/Annexe 3

(a) Yearly Forest Fire Losses 1990-1946/
Pertes annuelles dues aux incendies de forêt - 1990 à 1946

Year	Total number of fires	Total area burned (hectares)	Year	Total number of firest	Total area burned (hectares)
1990	10 078	934 340	1967	8 650	895 178
1989	12 185	7 559 570	1966	7 468	463 154
1988	10 740	1 336 070	1965	7 238	210 908
1987	11 304	1 085 629	1964	6 944	1 211 384
1986	7 087	950 123	1963	7 670	190 209
1985	9 198	670 528	1962	6 285	349 493
1984	9 415	783 685	1961	8 655	3 769 165
1983	8 930	1 194 175	1960	7 346	644 873
1982	8 941	1 697 591	1959	4 874	279 591
1981	10 145	5 413 365	1958	6 814	1 995 671
1980	8 973	4 822 167	1957	5 728	365 574
1979	9 793	2 700 785	1956	4 639	853 450
1978	7 928	289 417	1955	6 348	651 395
1977	8 888	1 483 194	1954	3 064	564 917
1976	10 161	1 813 825	1953	6 551	1 452 007
1975	10 995	1 032 034	1952	4 946	462 978
1974	8 035	848 674	1951	4 658	626 465
1973	7 503	1 184 283	1950	5 436	1 201 863
1972	8 153	780 037	1949	7 082	1 104 287
1971	9 125	1 695 013	1948	5 448	1 337 882
1970	9 253	1 058 843	1947	5 065	265 936
1969	6 633	943 496	1946*	5 977	1 007 886
1968	7 301	895 036			

*Exclusive of Newfoundland.

(b) Yearly Forest Fire Losses 1945-1918/
Pertes annuelles dues aux incendies de forêt - 1945 à 1918
(Exclusive of the Yukon and North'vest Territories and Newfoundland)

Year	Total number of fires	Total area burned (hectares)	Year	Total number of firest	Total area burned (hectares)
1945	4 761	300 098	1931	6 965	847 410
1944	5 820	972 519	1930	6 805	1 080 625
1943	3 370	335 023	1929	6 712	2 439 754
1942	4 791	744 029	1928	4 243	544 737
1941	5 951	1 721 048	1927	3 605	190 969
1940	6 284	1 089 102	1926	5 690	738 179
1939	5 613	451 313	1925	5 490	744 419
1938	6 647	1 264 998	1924	5 624	803 243
1937	5 949	1 728 648	1923	6 189	2 507 852
1936	5 946	1 224 965	1922	8 199	1 344 980
1935	4 955	346 497	1921	6 073	867 048
1934	5 911	596 980	1920	5 258	691 376
1933	6 298	408 163	1919	5 223	3 071 539
1932	6 298	997 150	1918	4 143	227 746